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Issued: **9-01-03**
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

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| MICHIGAN PUBLIC SERVICE COMMISSION |
| NOV 6 2003 |
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Effective for electric service
rendered on and after **9-01-03**
Issued under authority of the
Michigan Public Service Commission
Dated: **3-24-81**
In Case No. **U-6300**

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DATE 11-6-03

Issued: 12-20-01
By W L Bourbonnais
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Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
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Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12133 & U-12650

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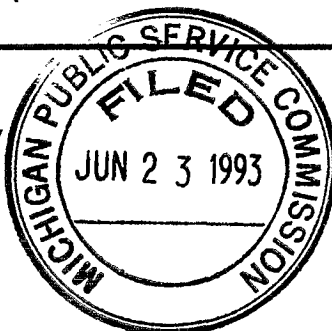
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IN CASE NO. U-
12650 & 12433
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Issued June 1, 1993

by

C. Fisher
President
Houghton, Michigan



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Dated

In Case No.

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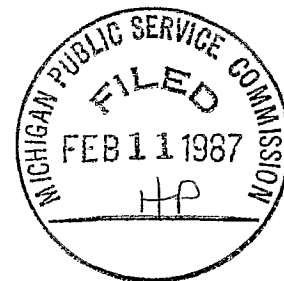
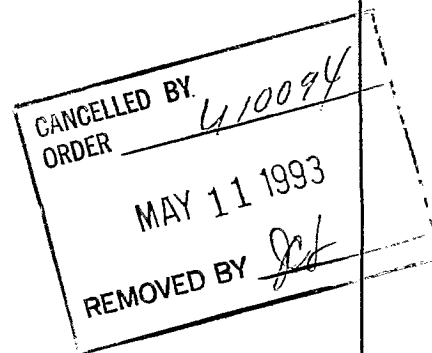
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Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

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Issued: **9-01-03**
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

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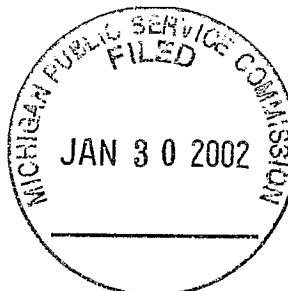
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Green Bay, Wisconsin



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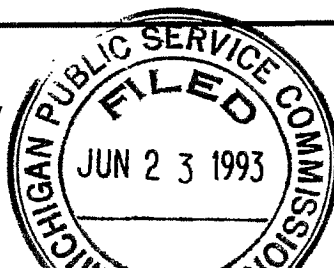
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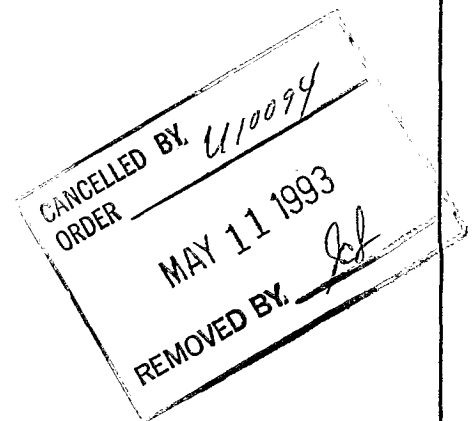
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Issued January 12, 1987 by

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President
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VP Regulatory Affairs
Green Bay, Wisconsin

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Issued: **9-01-03**
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

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Dated: **3-24-81**
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| Second Revised Sheet No. 9.16 | June 28, 2006 |
| Third Revised Sheet No. 9.17 | June 28, 2006 |
| Third Revised Sheet No. 9.18 | June 28, 2006 |
| Third Revised Sheet No. 9.19 | June 28, 2006 |
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| Forty Seventh Revised Sheet No. 3.0 | December 21, 2006 |
| Sixth Revised Sheet No. 3.1 | June 28, 2006 |
| Seventh Revised Sheet No. 3.2 | June 28, 2006 |
| Twentieth Revised Sheet No. 3.3 | December 21, 2006 |
| Twentieth Revised Sheet No. 3.4 | June 28, 2006 |
| Twenty Eighth Revised Sheet No. 3.5 | June 28, 2006 |
| Twenty Third Revised Sheet No. 3.6 | September 1, 2003 |
| Second Revised Sheet No. 3.7 | September 1, 2003 |
| First Revised Sheet No. 4.0 | May 12, 1993 |
| Original Sheet No. 5.0 | December 18, 1986 |
| Original Sheet No. 6.0 | December 18, 1986 |
| Original Sheet No. 6.1 | December 18, 1986 |
| Second Revised Sheet No. 7.0 | May 12, 1993 |
| First Revised Sheet No. 7.1 | May 12, 1993 |
| Original Sheet No. 8.0 | December 18, 1986 |
| Original Sheet No. 9.00 | December 18, 1986 |
| Original Sheet No. 9.01 | December 18, 1986 |
| Original Sheet No. 9.02 | December 18, 1986 |
| Original Sheet No. 9.03 | December 18, 1986 |
| First Revised Sheet No. 9.04 | January 28, 1997 |
| Second Revised Sheet No. 9.05 | June 28, 2006 |
| Original Sheet No. 9.06 | December 18, 1986 |
| Original Sheet No. 9.07 | December 18, 1986 |
| Third Revised Sheet No. 9.08 | June 28, 2006 |
| First Revised Sheet No. 9.09 | June 28, 2006 |
| First Revised Sheet No. 9.10 | June 28, 2006 |
| First Revised Sheet No. 9.11 | June 28, 2006 |
| Second Revised Sheet No. 9.12 | June 28, 2006 |
| Second Revised Sheet No. 9.13 | June 28, 2006 |
| Second Revised Sheet No. 9.14 | June 28, 2006 |
| Second Revised Sheet No. 9.15 | June 28, 2006 |
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| Third Revised Sheet No. 9.17 | June 28, 2006 |
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| Twenty Eighth Revised Sheet No. 3.5 | June 28, 2006 |
| Twenty Third Revised Sheet No. 3.6 | September 1, 2003 |
| Second Revised Sheet No. 3.7 | September 1, 2003 |
| First Revised Sheet No. 4.0 | May 12, 1993 |
| Original Sheet No. 5.0 | December 18, 1986 |
| Original Sheet No. 6.0 | December 18, 1986 |
| Original Sheet No. 6.1 | December 18, 1986 |
| Second Revised Sheet No. 7.0 | May 12, 1993 |
| First Revised Sheet No. 7.1 | May 12, 1993 |
| Original Sheet No. 8.0 | December 18, 1986 |
| Original Sheet No. 9.00 | December 18, 1986 |
| Original Sheet No. 9.01 | December 18, 1986 |
| Original Sheet No. 9.02 | December 18, 1986 |
| Original Sheet No. 9.03 | December 18, 1986 |
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| Original Sheet No. 9.06 | December 18, 1986 |
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| Twenty Third Revised Sheet No. 3.6 | September 1, 2003 |
| Second Revised Sheet No. 3.7 | September 1, 2003 |
| First Revised Sheet No. 4.0 | May 12, 1993 |
| Original Sheet No. 5.0 | December 18, 1986 |
| Original Sheet No. 6.0 | December 18, 1986 |
| Original Sheet No. 6.1 | December 18, 1986 |
| Second Revised Sheet No. 7.0 | May 12, 1993 |
| First Revised Sheet No. 7.1 | May 12, 1993 |
| Original Sheet No. 8.0 | December 18, 1986 |
| Original Sheet No. 9.0 | December 18, 1986 |
| Original Sheet No. 9.01 | December 18, 1986 |
| Original Sheet No. 9.02 | December 18, 1986 |
| Original Sheet No. 9.03 | December 18, 1986 |
| First Revised Sheet No. 9.04 | January 28, 1997 |
| First Revised Sheet No. 9.05 | January 28, 1997 |
| Original Sheet No. 9.06 | December 18, 1986 |
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| First Revised Sheet No. 9.12 | May 1, 1991 |
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| Second Revised Sheet No. 9.17 | January 1, 2002 |
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| Original Sheet No. 6.0 | December 18, 1986 |
| Original Sheet No. 6.1 | December 18, 1986 |
| Second Revised Sheet No. 7.0 | May 12, 1993 |
| First Revised Sheet No. 7.1 | May 12, 1993 |
| Original Sheet No. 8.0 | December 18, 1986 |
| Original Sheet No. 9.0 | December 18, 1986 |
| Original Sheet No. 9.01 | December 18, 1986 |
| Original Sheet No. 9.02 | December 18, 1986 |
| Original Sheet No. 9.03 | December 18, 1986 |
| First Revised Sheet No. 9.04 | January 28, 1997 |
| First Revised Sheet No. 9.05 | January 28, 1997 |
| Original Sheet No. 9.06 | December 18, 1986 |
| Original Sheet No. 9.07 | December 18, 1986 |
| Second Revised Sheet No. 9.08 | May 12, 1993 |
| Original Sheet No. 9.09 | December 18, 1986 |
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| Second Revised Sheet No. 9.17 | January 1, 2002 |
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| Twenty Seventh Revised Sheet No. 3.5 | September 1, 2003 |
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| First Revised Sheet No. 4.0 | May 12, 1993 |
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| Original Sheet No. 6.0 | December 18, 1986 |
| Original Sheet No. 6.1 | December 18, 1986 |
| Second Revised Sheet No. 7.0 | May 12, 1993 |
| First Revised Sheet No. 7.1 | May 12, 1993 |
| Original Sheet No. 8.0 | December 18, 1986 |
| Original Sheet No. 9.0 | December 18, 1986 |
| Original Sheet No. 9.01 | December 18, 1986 |
| Original Sheet No. 9.02 | December 18, 1986 |
| Original Sheet No. 9.03 | December 18, 1986 |
| First Revised Sheet No. 9.04 | January 28, 1997 |
| First Revised Sheet No. 9.05 | January 28, 1997 |
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| Original Sheet No. 9.11 | December 18, 1986 |
| First Revised Sheet No. 9.12 | May 1, 1991 |
| First Revised Sheet No. 9.13 | June 30, 1994 |
| First Revised Sheet No. 9.14 | June 30, 1994 |
| First Revised Sheet No. 9.15 | June 30, 1994 |
| First Revised Sheet No. 9.16 | June 30, 1994 |
| Second Revised Sheet No. 9.17 | January 1, 2002 |
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| Fifth Revised Sheet No. 3.1 | September 1, 2003 |
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| Seventeenth Revised Sheet No. 3.4 | April 11, 2005 |
| Twenty Seventh Revised Sheet No. 3.5 | September 1, 2003 |
| Twenty Third Revised Sheet No. 3.6 | September 1, 2003 |
| Second Revised Sheet No. 3.7 | September 1, 2003 |
| First Revised Sheet No. 4.0 | May 12, 1993 |
| Original Sheet No. 5.0 | December 18, 1986 |
| Original Sheet No. 6.0 | December 18, 1986 |
| Original Sheet No. 6.1 | December 18, 1986 |
| Second Revised Sheet No. 7.0 | May 12, 1993 |
| First Revised Sheet No. 7.1 | May 12, 1993 |
| Original Sheet No. 8.0 | December 18, 1986 |
| Original Sheet No. 9.0 | December 18, 1986 |
| Original Sheet No. 9.01 | December 18, 1986 |
| Original Sheet No. 9.02 | December 18, 1986 |
| Original Sheet No. 9.03 | December 18, 1986 |
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| First Revised Sheet No. 9.05 | January 28, 1997 |
| Original Sheet No. 9.06 | December 18, 1986 |
| Original Sheet No. 9.07 | December 18, 1986 |
| Second Revised Sheet No. 9.08 | May 12, 1993 |
| Original Sheet No. 9.09 | December 18, 1986 |
| Original Sheet No. 9.10 | December 18, 1986 |
| Original Sheet No. 9.11 | December 18, 1986 |
| First Revised Sheet No. 9.12 | May 1, 1991 |
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| First Revised Sheet No. 9.14 | June 30, 1994 |
| First Revised Sheet No. 9.15 | June 30, 1994 |
| First Revised Sheet No. 9.16 | June 30, 1994 |
| Second Revised Sheet No. 9.17 | January 1, 2002 |
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| Twenty Seventh Revised Sheet No. 3.5 | September 1, 2003 |
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| First Revised Sheet No. 4.0 | May 12, 1993 |
| Original Sheet No. 5.0 | December 18, 1986 |
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| First Revised Sheet No. 7.1 | May 12, 1993 |
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| Original Sheet No. 9.11 | December 18, 1986 |
| First Revised Sheet No. 9.12 | May 1, 1991 |
| First Revised Sheet No. 9.13 | June 30, 1994 |
| First Revised Sheet No. 9.14 | June 30, 1994 |
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| First Revised Sheet No. 9.16 | June 30, 1994 |
| Second Revised Sheet No. 9.17 | January 1, 2002 |
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| Original Sheet No. 8.0 | December 18, 1986 |
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| First Revised Sheet No. 9.16 | June 30, 1994 |
| Second Revised Sheet No. 9.17 | January 1, 2002 |
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| Sixteenth Revised Sheet No. 3.4 | December 23, 2004 |
| Twenty Seventh Revised Sheet No. 3.5 | September 1, 2003 |
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Issued: **12-23-04**
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

Michigan Public Service
Commission

January 4, 2005

Filed

RL

Effective Date: See Above

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Issued: 10-19-04
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

Michigan Public Service
Commission

October 19, 2004

Filed *JS*

Effective Date: See Above

Issued under authority of the
Michigan Public Service Commission
Dated: October 14, 2004

In Case No. U-13553-R

CANCELLED BY
ORDER U-14262, U-13553-R
REMOVED BY *RL*
DATE 1-4-05

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| Original Sheet No. 9.06 | December 18, 1986 |
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| First Revised Sheet No. 9.13 | June 30, 1994 |
| First Revised Sheet No. 9.14 | June 30, 1994 |
| First Revised Sheet No. 9.15 | June 30, 1994 |
| First Revised Sheet No. 9.16 | June 30, 1994 |
| Second Revised Sheet No. 9.17 | January 1, 2002 |
| Second Revised Sheet No. 9.18 | January 1, 2002 |
| Second Revised Sheet No. 9.19 | January 1, 2002 |
| Second Revised Sheet No. 9.20 | January 1, 2002 |
| First Revised Sheet No. 9.21 | June 30, 1994 |

CANCELLED BY
ORDER U-13553-R

REMOVED BY PJ

DATE 10-19-2004

Continued to Sheet No. 3.1

Issued: **9-24-04**
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

Michigan Public Service
Commission

October 13, 2004

Filed JP

Effective Date: See Above

Issued under authority of the
Michigan Public Service Commission
Dated: August 31, 2004

In Case No. U-13553-R

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CANCELLED BY
ORDER U-13553 - R

REMOVED BY PJ
DATE 10-19-2004

Continued to Sheet No. 3.1

Issued: **9-24-04**
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

| |
|---------------------------------------|
| Michigan Public Service Commission |
| September 28, 2004 |
| Filed <u>JS</u> |

Effective Date: See Above

Issued under authority of the
Michigan Public Service Commission
Dated: August 31, 2004

In Case No. U-13904

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Issued: **2-14-04**
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

| |
|---------------------------------------|
| MICHIGAN PUBLIC SERVICE COMMISSION |
| FEB 20 2004 |
| FILED <i>JKB</i> |

Effective Date: See Above

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CANCELLED BY *(Self implementation)*
ORDER U-13904
REMOVED BY JKB
DATE 2-20-04

Continued to Sheet No. 3.1

Issued: **9-1-03**
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

| |
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Effective Date: See Above

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CANCELLED BY
ORDER U-6300

REMOVED BY JKB

DATE 11-6-03

Continued to Sheet No. 3.1

Issued: 6-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

MICHIGAN PUBLIC
SERVICE COMMISSION

JUL 21 2003

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On and After: 6-1-03
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Mich Public Serv Comm
Dated 11-16-99
In Case No: U-12092

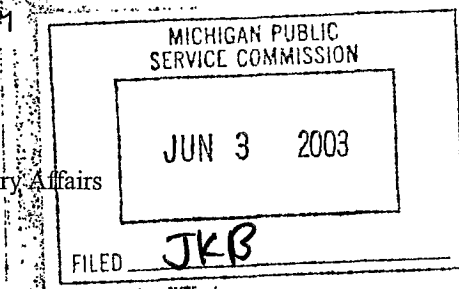
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Issued: May 2, 2003

By: J. F. Schott
Ass't Vice President - Regulatory Affairs
Houghton, Michigan



Effective: January 1, 2003

Issued under authority of the
Michigan Public Service Commission
Dated: April 17, 2003

In Case No. U-13553

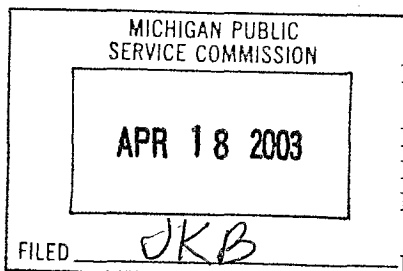
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Construction Policy
CANCELLED BY
ORDER U-6300
REMOVED BY JKB
DATE 6/3/03
Continued to Sheet No. 3.1

Issued: February 14, 2003

By: J. F. Schott
Ass't Vice President - Regulatory Affairs
Houghton, Michigan



Effective: February 1, 2003

Issued under authority of the
Michigan Public Service Commission
Dated: February 10, 2003

In Case No. U-13104-R

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| | Through No. 9.20 | January 1, 2002 |
| | First Revised No. 9.21 | June 30, 1994 |

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Issued: February 14, 2003

By: J. F. Schott
Ass't Vice President - Regulatory Affairs
Houghton, Michigan

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|---------------------------------------|
| MICHIGAN PUBLIC SERVICE COMMISSION |
| APR 18 2003 |
| FILED JKB |

Effective: January 1, 2003

Issued under authority of the
Michigan Public Service Commission
Dated: February 10, 2003

In Case No. U-13553

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| | First Revised No. 9.21 | June 30, 1994 |

CANCELLED BY
ORDER Self-imp of 4-1355B
REMOVED BY JKB
DATE 4-18-03

Continued to Sheet No. 3.1
MICHIGAN
SERVICE COMMISSION

FEB 28 2003

JKB

Issued: 12-20-02

By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan

Effective for service
On and After: 12-21-02
Issued under authority of the
Michigan Public Service Commission
Dated 12-20-02
In Case No. U-13497

CHECK LIST

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| Check List (Cont'd.) | Third Rev. No. 3.2 | November 17, 1999 |
| Check List (Cont'd.) | Fifth Rev. No. 3.3 | November 17, 1999 |
| Check List (Cont'd.) | Ninth Rev. No. 3.4 | January 27, 1998 |
| Check List (Cont'd.) | <i>Twenty Second Rev. No. 3.5</i> | <i>November 1, 2002</i> |
| Check List (Cont'd.) | Nineteenth Rev. No. 3.6 | February 1, 2002 |
| Check List (Cont'd.) | First Rev. No. 3.7 | May 12, 1993 |
| Description of Territory Served | First Rev. No. 4.0 | May 12, 1993 |
| Map of Territory Served | Original No. 5.0 | December 18, 1986 |
| List of Communities Served | Original No. 6.0 | December 18, 1986 |
| List of Comm. Served (Cont'd.) | Original No. 6.1 | December 18, 1986 |
| Index of Communities by Rates Applicable | Second Rev. No. 7.0 | May 12, 1993 |
| Index of Communities by Rates Applicable (Cont'd.) | First Rev. No. 7.1 | May 12, 1993 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: | | |
| Introduction | Original No. 9.00 | December 18, 1986 |
| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 | |
| | through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 | |
| | through No. 9.03 | December 18, 1986 |
| | First Rev. No. 9.04 & 9.05 | January 28, 1997 |
| Nature and Quality of Service | Original No. 9.06 | December 18, 1986 |
| Metering and Metering Equip. | Original No. 9.06 | |
| | through No. 9.08 | December 18, 1986 |
| Special Charges | Second Rev. No. 9.08 | May 12, 1993 |
| Other Conditions of Service | First Rev. No. 9.08 | |
| | through No. 9.12 | Bills issued on & after May 1, 1991 |
| Construction Policy | First Revised No. 9.13 | |
| | through No. 9.16 | June 30, 1994 |
| | Second Revised No. 9.17 | |
| | Through No. 9.20 | January 1, 2002 |
| | First Revised No. 9.21 | June 30, 1994 |

Continued to Sheet No. 3.1

Issued: November 1, 2002

By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



Effective: November 1, 2002

Issued under authority of the
Michigan Public Service Commission
Dated November 1, 2002

In Case No. U-13104

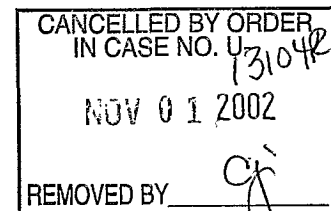
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| | through No. 2.1 | January 1, 2002 |
| Check List | <i>Twenty Seventh Rev. No. 3.0</i> | <i>February 1, 2002</i> |
| Check List (Cont'd.) | Third Rev. No. 3.1 | November 17, 1999 |
| Check List (Cont'd.) | Third Rev. No. 3.2 | November 17, 1999 |
| Check List (Cont'd.) | Fifth Rev. No. 3.3 | November 17, 1999 |
| Check List (Cont'd.) | Ninth Rev. No. 3.4 | January 27, 1998 |
| Check List (Cont'd.) | <i>Twenty First Rev. No. 3.5</i> | <i>February 1, 2002</i> |
| Check List (Cont'd.) | <i>Nineteenth Rev. No. 3.6</i> | <i>February 1, 2002</i> |
| Check List (Cont'd.) | First Rev. No. 3.7 | May 12, 1993 |
| Description of Territory Served | First Rev. No. 4.0 | May 12, 1993 |
| Map of Territory Served | Original No. 5.0 | December 18, 1986 |
| List of Communities Served | Original No. 6.0 | December 18, 1986 |
| List of Comm. Served (Cont'd.) | Original No. 6.1 | December 18, 1986 |
| Index of Communities by Rates Applicable | Second Rev. No. 7.0 | May 12, 1993 |
| Index of Communities by Rates Applicable (Cont'd.) | First Rev. No. 7.1 | May 12, 1993 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: | | |
| Introduction | Original No. 9.00 | December 18, 1986 |
| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 | |
| | through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 | |
| | through No. 9.03 | December 18, 1986 |
| | First Rev. No. 9.04 & 9.05 | January 28, 1997 |
| Nature and Quality of Service | Original No. 9.06 | December 18, 1986 |
| Metering and Metering Equip. | Original No. 9.06 | |
| | through No. 9.08 | December 18, 1986 |
| Special Charges | Second Rev. No. 9.08 | May 12, 1993 |
| Other Conditions of Service | First Rev. No. 9.08 | |
| | through No. 9.12 | Bills issued on & after May 1, 1991 |
| Construction Policy | First Revised No. 9.13 | |
| | through No. 9.16 | June 30, 1994 |
| | Second Revised No. 9.17 | |
| | Through No. 9.20 | January 1, 2002 |
| | First Revised No. 9.21 | June 30, 1994 |

Continued to Sheet No. 3.1

Issued: August 27, 2002

By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



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Effective: February 1, 2002

Issued under authority of the
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In Case No. U-12604-R

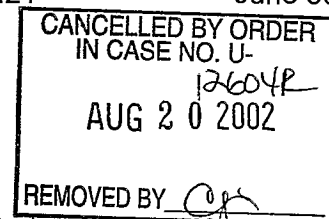
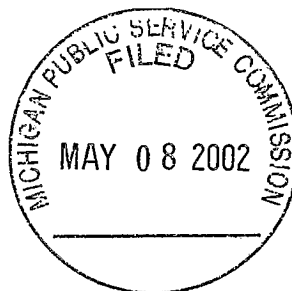
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| | through No. 2.1 | January 1, 2002 |
| Check List | <i>Twenty Sixth Rev. No. 3.0</i> | <i>May 1, 2002</i> |
| Check List (Cont'd.) | Third Rev. No. 3.1 | November 17, 1999 |
| Check List (Cont'd.) | Third Rev. No. 3.2 | November 17, 1999 |
| Check List (Cont'd.) | Fifth Rev. No. 3.3 | November 17, 1999 |
| Check List (Cont'd.) | Ninth Rev. No. 3.4 | January 27, 1998 |
| Check List (Cont'd.) | <i>Twentieth Rev. No. 3.5</i> | <i>May 1, 2002</i> |
| Check List (Cont'd.) | <i>Eighteenth Rev. No. 3.6</i> | <i>May 1, 2002</i> |
| Check List (Cont'd.) | First Rev. No. 3.7 | May 12, 1993 |
| Description of Territory Served | First Rev. No. 4.0 | May 12, 1993 |
| Map of Territory Served | Original No. 5.0 | December 18, 1986 |
| List of Communities Served | Original No. 6.0 | December 18, 1986 |
| List of Comm. Served (Cont'd.) | Original No. 6.1 | December 18, 1986 |
| Index of Communities by Rates Applicable | Second Rev. No. 7.0 | May 12, 1993 |
| Index of Communities by Rates Applicable (Cont'd.) | First Rev. No. 7.1 | May 12, 1993 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: Introduction | Original No. 9.00 | December 18, 1986 |
| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 | |
| | through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 | |
| | through No. 9.03 | December 18, 1986 |
| | First Rev. No. 9.04 & 9.05 | January 28, 1997 |
| Nature and Quality of Service | Original No. 9.06 | December 18, 1986 |
| Metering and Metering Equip. | Original No. 9.06 | |
| | through No. 9.08 | December 18, 1986 |
| Special Charges | Second Rev. No. 9.08 | May 12, 1993 |
| Other Conditions of Service | First Rev. No. 9.08 | |
| | through No. 9.12 | Bills issued on & after May 1, 1991 |
| Construction Policy | First Revised No. 9.13 | |
| | through No. 9.16 | June 30, 1994 |
| | Second Revised No. 9.17 | |
| | Through No. 9.20 | January 1, 2002 |
| | First Revised No. 9.21 | June 30, 1994 |

Continued to Sheet No. 3.1

Issued: May 6, 2002

By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



Effective: May 1, 2002

Issued under authority of the
Michigan Public Service Commission
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In Case No. U-12126-R

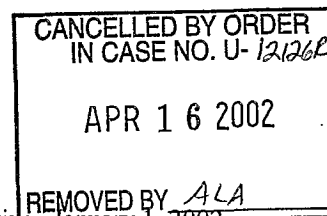
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| | through No. 2.1 | January 1, 2002 |
| Check List | <i>Twenty Fifth Rev. No. 3.0</i> | <i>January 1, 2002</i> |
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| Check List (Cont'd.) | Third Rev. No. 3.2 | November 17, 1999 |
| Check List (Cont'd.) | Fifth Rev. No. 3.3 | November 17, 1999 |
| Check List (Cont'd.) | Ninth Rev. No. 3.4 | January 27, 1998 |
| Check List (Cont'd.) | Nineteenth Rev. No. 3.5 | <i>January 1, 2002</i> |
| Check List (Cont'd.) | Seventeenth Rev. No. 3.6 | <i>January 1, 2002</i> |
| Check List (Cont'd.) | First Rev. No. 3.7 | May 12, 1993 |
| Description of Territory Served | First Rev. No. 4.0 | May 12, 1993 |
| Map of Territory Served | Original No. 5.0 | December 18, 1986 |
| List of Communities Served | Original No. 6.0 | December 18, 1986 |
| List of Comm. Served (Cont'd.) | Original No. 6.1 | December 18, 1986 |
| Index of Communities by Rates Applicable | Second Rev. No. 7.0 | May 12, 1993 |
| Index of Communities by Rates Applicable (Cont'd.) | First Rev. No. 7.1 | May 12, 1993 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: | | |
| Introduction | Original No. 9.00 | December 18, 1986 |
| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 | |
| | through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 | |
| | through No. 9.03 | December 18, 1986 |
| | First Rev. No. 9.04 & 9.05 | January 28, 1997 |
| Nature and Quality of Service | Original No. 9.06 | December 18, 1986 |
| Metering and Metering Equip. | Original No. 9.06 | |
| | through No. 9.08 | December 18, 1986 |
| Special Charges | Second Rev. No. 9.08 | May 12, 1993 |
| Other Conditions of Service | First Rev. No. 9.08 | |
| | through No. 9.12 | Bills issued on & after May 1, 1991 |
| Construction Policy | First Revised No. 9.13 | |
| | through No. 9.16 | June 30, 1994 |
| | Second Revised No. 9.17 | |
| | Through No. 9.20 | January 1, 2002 |
| | First Revised No. 9.21 | June 30, 1994 |

Continued to Sheet No. 3.1

Issued: April 10, 2002

By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



Effective: January 1, 2002

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Dated March 29, 2002

In Case No. U-13104

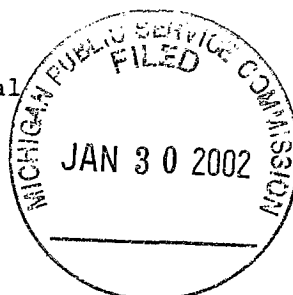
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| Check List | Twenty Fourth Rev. No. 3.0 | January 1, 2002 |
| Check List (Cont'd.) | Second Rev. No. 3.1 | Bills issued on & after May 1, 1991 |
| Check List (Cont'd.) | Second Rev. No. 3.2 | December 18, 1986 |
| Check List (Cont'd.) | Fourth Rev. No. 3.3 | July 16, 1996 |
| Check List (Cont'd.) | Ninth Rev. No. 3.4 | January 27, 1998 |
| Check List (Cont'd.) | Eighteenth Rev. No. 3.5 | January 1, 2002 |
| Check List (Cont'd.) | Sixteenth Rev. No. 3.6 | January 1, 2002 |
| Check List (Cont'd.) | First Rev. No. 3.7 | May 12, 1993 |
| Description of Territory Served | First Rev. No. 4.0 | May 12, 1993 |
| Map of Territory Served | Original No. 5.0 | December 18, 1986 |
| List of Communities Served | Original No. 6.0 | December 18, 1986 |
| List of Comm. Served (Cont'd.) | Original No. 6.1 | December 18, 1986 |
| Index of Communities by Rates Applicable | Second Rev. No. 7.0 | May 12, 1993 |
| Index of Communities by Rates Applicable (Cont'd.) | First Rev. No. 7.1 | May 12, 1993 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: | | |
| Introduction | Original No. 9.00 | December 18, 1986 |
| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 | |
| | through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 | |
| | through No. 9.03 | December 18, 1986 |
| | First Rev. No. 9.04 & 9.05 | January 28, 1997 |
| Nature and Quality of Service | Original No. 9.06 | December 18, 1986 |
| Metering and Metering Equip. | Original No. 9.06 | |
| | through No. 9.08 | December 18, 1986 |
| Special Charges | Second Rev. No. 9.08 | May 12, 1993 |
| Other Conditions of Service | First Rev. No. 9.08 | |
| | through No. 9.12 | Bills issued on & after May 1, 1991 |
| Construction Policy | First Revised No. 9.13 | |
| | through No. 9.16 | June 30, 1994 |
| | Second Revised No. 9.17 | |
| | through No. 9.20 | January 1, 2002 |
| | First Revised No. 9.21 | June 30, 1994 |

Continued to Sheet No. 3.1

CANCELLED BY ORDER
IN CASE NO. U-
13104
MAR 29 2002

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Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



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On and After: 1-1-02
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Dated: 10-11-01
In Case No: U-12650

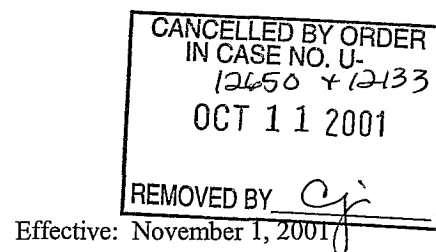
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| | <u>Sheet Number</u> | <u>Effective Date</u> |
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| Table of Contents | First Revised No. 2.0 through No. 2.1 | May 12, 1993 |
| Check List | <i>Twenty Third Rev. No. 3.0</i> | <i>January 1, 2001</i> |
| Check List (Cont'd.) | Third Rev. No. 3.1 | November 17, 1999 |
| Check List (Cont'd.) | Third Rev. No. 3.2 | November 17, 1999 |
| Check List (Cont'd.) | Fifth Rev. No. 3.3 | November 17, 1999 |
| Check List (Cont'd.) | Ninth Rev. No. 3.4 | January 27, 1998 |
| Check List (Cont'd.) | Seventeenth Rev. No. 3.5 | January 1, 2001 |
| Check List (Cont'd.) | <i>Fifteenth Rev. No. 3.6</i> | January 1, 2001 |
| Check List (Cont'd.) | First Rev. No. 3.7 | May 12, 1993 |
| Description of Territory Served | First Rev. No. 4.0 | May 12, 1993 |
| Map of Territory Served | Original No. 5.0 | December 18, 1986 |
| List of Communities Served | Original No. 6.0 | December 18, 1986 |
| List of Comm. Served (Cont'd.) | Original No. 6.1 | December 18, 1986 |
| Index of Communities by Rates Applicable | Second Rev. No. 7.0 | May 12, 1993 |
| Index of Communities by Rates Applicable (Cont'd.) | First Rev. No. 7.1 | May 12, 1993 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: Introduction | Original No. 9.00 | December 18, 1986 |
| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 through No. 9.03 | December 18, 1986 |
| Nature and Quality of Service | First Rev. No. 9.04 & 9.05 | January 28, 1997 |
| Metering and Metering Equip. | Original No. 9.06 | December 18, 1986 |
| Special Charges | Original No. 9.06 through No. 9.08 | December 18, 1986 |
| Other Conditions of Service | Second Rev. No. 9.08 | May 12, 1993 |
| | First Rev. No. 9.08 through No. 9.12 | Bills issued on & after May 1, 1991 |
| Construction Policy | First Revised No. 9.13 through No. 9.21 | June 30, 1994 |

Continued to Sheet No. 3.1

Issued: November 5, 2001

By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



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Michigan Public Service Commission
Dated October 29, 2001

In Case No. U-12604

CHECK LIST

| | <u>Sheet Number</u> | <u>Effective Date</u> |
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| Table of Contents | First Revised No. 2.0 through No. 2.1 | May 12, 1993 |
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| Check List (Cont'd.) | Third Rev. No. 3.1 | November 17, 1999 |
| Check List (Cont'd.) | Third Rev. No. 3.2 | November 17, 1999 |
| Check List (Cont'd.) | Fifth Rev. No. 3.3 | November 17, 1999 |
| Check List (Cont'd.) | Ninth Rev. No. 3.4 | January 27, 1998 |
| Check List (Cont'd.) | Sixteenth Rev. No. 3.5 | <i>January 1, 2001</i> |
| Check List (Cont'd.) | <i>Fourteenth Rev. No. 3.6</i> | <i>January 1, 2001</i> |
| Check List (Cont'd.) | First Rev. No. 3.7 | May 12, 1993 |
| Description of Territory Served | First Rev. No. 4.0 | May 12, 1993 |
| Map of Territory Served | Original No. 5.0 | December 18, 1986 |
| List of Communities Served | Original No. 6.0 | December 18, 1986 |
| List of Comm. Served (Cont'd.) | Original No. 6.1 | December 18, 1986 |
| Index of Communities by Rates Applicable | Second Rev. No. 7.0 | May 12, 1993 |
| Index of Communities by Rates Applicable (Cont'd.) | First Rev. No. 7.1 | May 12, 1993 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: | | |
| Introduction | Original No. 9.00 | December 18, 1986 |
| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 through No. 9.03 | December 18, 1986 |
| | First Rev. No. 9.04 & 9.05 | January 28, 1997 |
| Nature and Quality of Service | Original No. 9.06 | December 18, 1986 |
| Metering and Metering Equip. | Original No. 9.06 through No. 9.08 | December 18, 1986 |
| Special Charges | Second Rev. No. 9.08 | May 12, 1993 |
| Other Conditions of Service | First Rev. No. 9.08 through No. 9.12 | Bills issued on & after May 1, 1991 |
| Construction Policy | First Revised No. 9.13 through No. 9.21 | June 30, 1994 |

Continued to Sheet No. 3.1

Issued: October 24, 2001

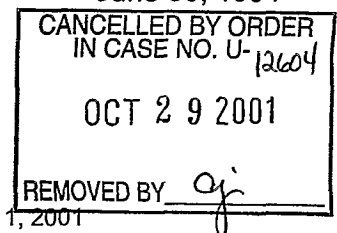
By: W.L. Bourbonnais
Manager-Rates & Econ Eval.
Houghton, Michigan



Effective: January 1, 2001

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and for Implementing

In Case No. U-12604



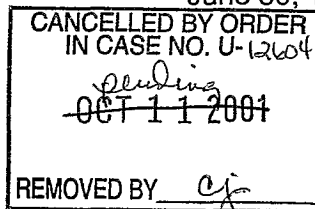
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| Check List (Cont'd.) | Third Rev. No. 3.1 | November 17, 1999 |
| Check List (Cont'd.) | Third Rev. No. 3.2 | November 17, 1999 |
| Check List (Cont'd.) | Fifth Rev. No. 3.3 | November 17, 1999 |
| Check List (Cont'd.) | Ninth Rev. No. 3.4 | January 27, 1998 |
| Check List (Cont'd.) | <i>Fifteenth Rev. No. 3.5</i> | <i>January 1, 2000</i> |
| Check List (Cont'd.) | <i>Thirteenth Rev. No. 3.6</i> | <i>January 1, 2000</i> |
| Check List (Cont'd.) | First Rev. No. 3.7 | May 12, 1993 |
| Description of Territory Served | First Rev. No. 4.0 | May 12, 1993 |
| Map of Territory Served | Original No. 5.0 | December 18, 1986 |
| List of Communities Served | Original No. 6.0 | December 18, 1986 |
| List of Comm. Served (Cont'd.) | Original No. 6.1 | December 18, 1986 |
| Index of Communities by Rates Applicable | Second Rev. No. 7.0 | May 12, 1993 |
| Index of Communities by Rates Applicable (Cont'd.) | First Rev. No. 7.1 | May 12, 1993 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: | | |
| Introduction | Original No. 9.00 | December 18, 1986 |
| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 through No. 9.03 | December 18, 1986 |
| | First Rev. No. 9.04 & 9.05 | January 28, 1997 |
| Nature and Quality of Service | Original No. 9.06 | December 18, 1986 |
| Metering and Metering Equip. | Original No. 9.06 through No. 9.08 | December 18, 1986 |
| Special Charges | Second Rev. No. 9.08 | May 12, 1993 |
| Other Conditions of Service | First Rev. No. 9.08 through No. 9.12 | Bills issued on & after May 1, 1991 |
| Construction Policy | First Revised No. 9.13 through No. 9.21 | June 30, 1994 |

Continued to Sheet No. 3.1

Issued: January 1, 2000

By: C. Fisher, President
Houghton, Michigan



Effective: January 1, 2000

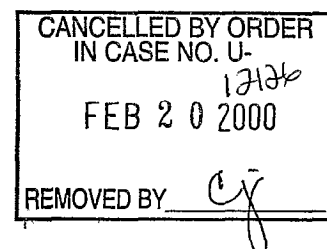
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Dated February 20, 2000

In Case No. U-12126

CHECK LIST

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| Check List (Cont'd.) | Third Revised No. 3.1 | November 17, 1999 |
| Check List (Cont'd.) | Third Revised No. 3.2 | November 17, 1999 |
| Check List (Cont'd.) | Fifth Rev. No. 3.3 | November 17, 1999 |
| Check List (Cont'd.) | Ninth Rev. No. 3.4 | January 27, 1998 |
| Check List (Cont'd.) | Fourteenth Rev. No. 3.5 | January 1, 1999 |
| Check List (Cont'd.) | Twelfth Rev. No. 3.6 | November 17, 1999 |
| Check List (Cont'd.) | First Rev. No. 3.7 | May 12, 1993 |
| Description of Territory Served | First Rev. No. 4.0 | May 12, 1993 |
| Map of Territory Served | Original No. 5.0 | December 18, 1986 |
| List of Communities Served | Original No. 6.0 | December 18, 1986 |
| List of Comm. Served (Cont'd.) | Original No. 6.1 | December 18, 1986 |
| Index of Communities by Rates Applicable | Second Rev. No. 7.0 | May 12, 1993 |
| Index of Communities by Rates Applicable (Cont'd.) | First Rev. No. 7.1 | May 12, 1993 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: | | |
| Introduction | Original No. 9.00 | December 18, 1986 |
| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 through No. 9.03 | December 18, 1986 |
| Nature and Quality of Service | First Rev. No. 9.04 & 9.05 | January 28, 1997 |
| Metering and Metering Equip. | Original No. 9.06 | December 18, 1986 |
| Special Charges | Original No. 9.06 through No. 9.08 | December 18, 1986 |
| Other Conditions of Service | Second Rev. No. 9.08 | May 12, 1993 |
| | First Rev. No. 9.08 through No. 9.12 | Bills issued on & after May 1, 1991 |
| Construction Policy | First Revised No. 9.13 through No. 9.21 | June 30, 1994 |

Continued to Sheet No. 3.1

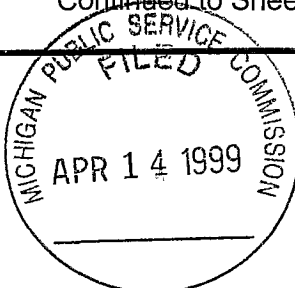


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| Check List (Cont'd.) | Ninth Rev. No. 3.4 | January 27, 1998 |
| Check List (Cont'd.) | Fourteenth Rev. No. 3.5 | January 1, 1999 |
| Check List (Cont'd.) | Eleventh Rev. No. 3.6 | January 1, 1999 |
| Check List (Cont'd.) | First Rev. No. 3.7 | May 12, 1993 |
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| List of Comm. Served (Cont'd.) | Original No. 6.1 | December 18, 1986 |
| Index of Communities by Rates Applicable | Second Rev. No. 7.0 | May 12, 1993 |
| Index of Communities by Rates Applicable (Cont'd.) | First Rev. No. 7.1 | May 12, 1993 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: | | |
| Introduction | Original No. 9.00 | December 18, 1986 |
| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 through No. 9.03 | December 18, 1986 |
| Nature and Quality of Service | First Rev. No. 9.04 & 9.05 | January 28, 1997 |
| Metering and Metering Equip. | Original No. 9.06 | December 18, 1986 |
| Special Charges | Original No. 9.06 through No. 9.08 | December 18, 1986 |
| Other Conditions of Service | Second Rev. No. 9.08 | May 12, 1993 |
| Construction Policy | First Rev. No. 9.08 through No. 9.12 | Bills issued on & after May 1, 1991 |
| | First Revised No. 9.13 through No. 9.21 | June 30, 1994 |

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IN CASE NO. U-
1202
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| Check List (Cont'd.) | NINTH Eighth Rev. No. 3.4 | January 27, 1998 |
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| Check List (Cont'd.) | Tenth Rev. No. 3.6 | January 1, 1998 |
| Check List (Cont'd.) | First Rev. No. 3.7 | May 12, 1993 |
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| List of Communities Served | Original No. 6.0 | December 18, 1986 |
| List of Comm. Served (Cont'd.) | Original No. 6.1 | December 18, 1986 |
| Index of Communities by Rates Applicable | Second Rev. No. 7.0 | May 12, 1993 |
| Index of Communities by Rates Applicable (Cont'd.) | First Rev. No. 7.1 | May 12, 1993 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: | | |
| Introduction | Original No. 9.00 | December 18, 1986 |
| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 | |
| | through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 | |
| | through No. 9.03 | December 18, 1986 |
| | First Rev. No. 9.04 & 9.05 | January 28, 1997 |
| Nature and Quality of Service | Original No. 9.06 | December 18, 1986 |
| Metering and Metering Equip. | Original No. 9.06 | |
| | through No. 9.08 | December 18, 1986 |
| Special Charges | Second Rev. No. 9.08 | May 12, 1993 |
| Other Conditions of Service | First Rev. No. 9.08 | |
| | through No. 9.12 | Bills issued on & after May 1, 1991 |
| Construction Policy | First Revised No. 9.13 | |
| | through No. 9.21 | June 30, 1994 |

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IN CASE NO. U-11791

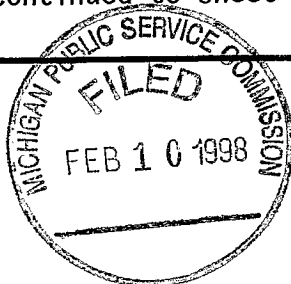
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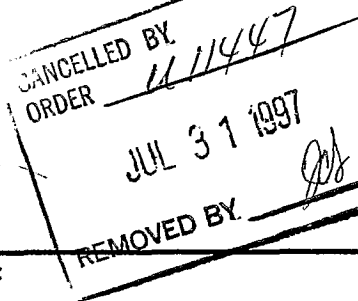
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| Check List (Cont'd.) | Eighth Rev. No. 3.4 | December 2, 1997 |
| Check List (Cont'd.) | Thirteenth Rev. No. 3.5 | January 1, 1998 |
| Check List (Cont'd.) | Tenth Rev. No. 3.6 | January 1, 1998 |
| Check List (Cont'd.) | First Rev. No. 3.7 | May 12, 1993 |
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| Index of Communities by Rates Applicable (Cont'd.) | First Rev. No. 7.1 | May 12, 1993 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: | | |
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| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 through No. 9.03 | December 18, 1986 |
| | First Rev. No. 9.04 & 9.05 | January 28, 1997 |
| Nature and Quality of Service | Original No. 9.06 | December 18, 1986 |
| Metering and Metering Equip. | Original No. 9.06 through No. 9.08 | December 18, 1986 |
| Special Charges | Second Rev. No. 9.08 | May 12, 1993 |
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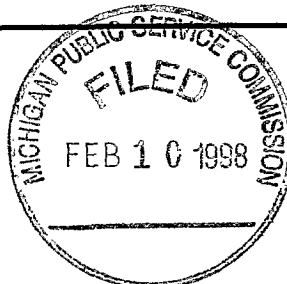
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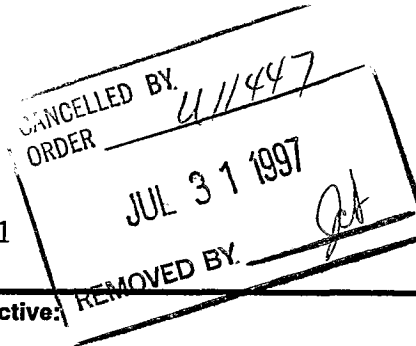
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| Check List (Cont'd.) | Eighth Rev. No. 3.4 | December 2, 1997 |
| Check List (Cont'd.) | Twelfth Rev. No. 3.5 | December 2, 1997 |
| Check List (Cont'd.) | Ninth Rev. No. 3.6 | January 1, 1997 |
| Check List (Cont'd.) | First Rev. No. 3.7 | May 12, 1993 |
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| List of Comm. Served (Cont'd.) | Original No. 6.1 | December 18, 1986 |
| Index of Communities by Rates Applicable | Second Rev. No. 7.0 | May 12, 1993 |
| Index of Communities by Rates Applicable (Cont'd.) | First Rev. No. 7.1 | May 12, 1993 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: | | |
| Introduction | Original No. 9.00 | December 18, 1986 |
| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 | |
| | through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 | |
| | through No. 9.03 | December 18, 1986 |
| | First Rev. No. 9.04 & 9.05 | January 28, 1997 |
| Nature and Quality of Service | Original No. 9.06 | December 18, 1986 |
| Metering and Metering Equip. | Original No. 9.06 | |
| | through No. 9.08 | December 18, 1986 |
| Special Charges | Second Rev. No. 9.08 | May 12, 1993 |
| Other Conditions of Service | First Rev. No. 9.08 | |
| | through No. 9.12 | Bills issued on & after May 1, 1991 |
| Construction Policy | First Revised No. 9.13 | |
| | through No. 9.21 | June 30, 1994 |

Continued to Sheet No. 3.1



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| Table of Contents | First Revised No. 2.0 through No. 2.1 | May 12, 1993 |
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| Check List (Cont'd.) | Fourth Rev. No. 3.3 | July 16, 1996 |
| Check List (Cont'd.) | Seventh Rev. No. 3.4 | May 18, 1995 |
| Check List (Cont'd.) | Eleventh Rev. No. 3.5 | March 5, 1997 |
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| Check List (Cont'd.) | First Rev. No. 3.7 | May 12, 1993 |
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| List of Comm. Served (Cont'd.) | Original No. 6.1 | December 18, 1986 |
| Index of Communities by Rates Applicable | Second Rev. No. 7.0 | May 12, 1993 |
| Index of Communities by Rates Applicable (Cont'd.) | First Rev. No. 7.1 | May 12, 1993 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: | | |
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| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 through No. 9.03 | December 18, 1986 |
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| Nature and Quality of Service | Original No. 9.06 | December 18, 1986 |
| Metering and Metering Equip. | Original No. 9.06 through No. 9.08 | December 18, 1986 |
| Special Charges | Second Rev. No. 9.08 | May 12, 1993 |
| Other Conditions of Service | First Rev. No. 9.08 through No. 9.12 | Bills issued on & after May 1, 1991 |
| Construction Policy | First Revised No. 9.13 through No. 9.21 | June 30, 1994 |

Continued to Sheet No. 3.1

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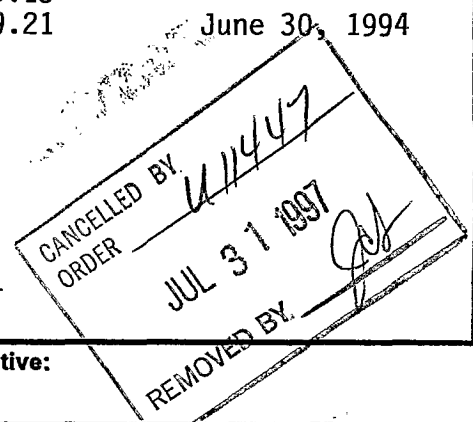
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In Case No. _____



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| Check List (Cont'd.) | Fourth Rev. No. 3.3 | July 16, 1996 |
| Check List (Cont'd.) | Seventh Rev. No. 3.4 | May 18, 1995 |
| Check List (Cont'd.) | Tenth Rev. No. 3.5 | January 1, 1997 |
| Check List (Cont'd.) | Ninth Rev. No. 3.6 | January 1, 1997 |
| Check List (Cont'd.) | First Rev. No. 3.7 | May 12, 1993 |
| Description of Territory Served | First Rev. No. 4.0 | May 12, 1993 |
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| List of Communities Served | Original No. 6.0 | December 18, 1986 |
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| Index of Communities by Rates Applicable (Cont'd.) | First Rev. No. 7.1 | May 12, 1993 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: | | |
| Introduction | Original No. 9.00 | December 18, 1986 |
| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 | |
| | through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 | |
| | through No. 9.03 | December 18, 1986 |
| | First Rev. No. 9.04 & 9.05 | January 28, 1997 |
| Nature and Quality of Service | Original No. 9.06 | December 18, 1986 |
| Metering and Metering Equip. | Original No. 9.06 | |
| | through No. 9.08 | December 18, 1986 |
| Special Charges | Second Rev. No. 9.08 | May 12, 1993 |
| Other Conditions of Service | First Rev. No. 9.08 | |
| | through No. 9.12 | Bills issued on & after May 1, 1991 |
| Construction Policy | First Revised No. 9.13 | |
| | through No. 9.21 | June 30, 1994 |

Continued to Sheet No. 3.1

CANCELLED BY
ORDER 410741, 410816,
410831
FEB 11 1997
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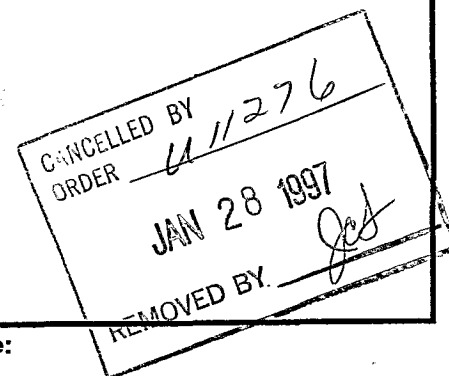
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In Case No. _____

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| Check List (Cont'd.) | Fourth Rev. No. 3.3 | July 16, 1996 |
| Check List (Cont'd.) | Seventh Rev. No. 3.4 | May 18, 1995 |
| Check List (Cont'd.) | Tenth Rev. No. 3.5 | January 1, 1997 |
| Check List (Cont'd.) | Ninth Rev. No. 3.6 | January 1, 1997 |
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| Index of Communities by Rates Applicable (Cont'd.) | First Rev. No. 7.1 | May 12, 1993 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: | | |
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| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 | |
| | through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 | |
| | through No. 9.05 | December 18, 1986 |
| Nature and Quality of Service | Original No. 9.06 | December 18, 1986 |
| Metering and Metering Equip. | Original No. 9.06 | |
| | through No. 9.08 | December 18, 1986 |
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| Other Conditions of Service | First Rev. No. 9.08 | |
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| Construction Policy | First Revised No. 9.13 | |
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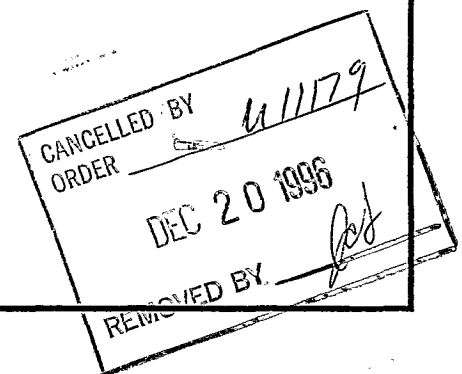
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| Check List (Cont'd.) | Seventh Rev. No. 3.4 | May 18, 1995 |
| Check List (Cont'd.) | Ninth Rev. No. 3.5 | September 1, 1996 |
| Check List (Cont'd.) | Eighth Rev. No. 3.6 | September 1, 1996 |
| Check List (Cont'd.) | First Rev. No. 3.7 | May 12, 1993 |
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| List of Communities Served | Original No. 6.0 | December 18, 1986 |
| List of Comm. Served (Cont'd.) | Original No. 6.1 | December 18, 1986 |
| Index of Communities by Rates Applicable | Second Rev. No. 7.0 | May 12, 1993 |
| Index of Communities by Rates Applicable (Cont'd.) | First Rev. No. 7.1 | May 12, 1993 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: | | |
| Introduction | Original No. 9.00 | December 18, 1986 |
| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 through No. 9.05 | December 18, 1986 |
| Nature and Quality of Service | Original No. 9.06 | December 18, 1986 |
| Metering and Metering Equip. | Original No. 9.06 through No. 9.08 | December 18, 1986 |
| Special Charges | Second Rev. No. 9.08 | May 12, 1993 |
| Other Conditions of Service | First Rev. No. 9.08 through No. 9.12 | Bills issued on & after May 1, 1991 |
| Construction Policy | First Revised No. 9.13 through No. 9.21 | June 30, 1994 |

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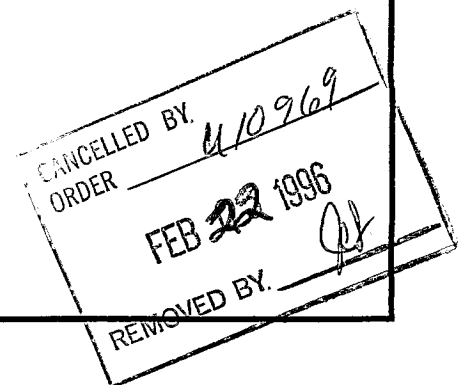
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| Check List (Cont'd.) | Seventh Rev. No. 3.6 | January 1, 1996 |
| Check List (Cont'd.) | First Rev. No. 3.7 | May 12, 1993 |
| Description of Territory Served | First Rev. No. 4.0 | May 12, 1993 |
| Map of Territory Served | Original No. 5.0 | December 18, 1986 |
| List of Communities Served | Original No. 6.0 | December 18, 1986 |
| List of Comm. Served (Cont'd.) | Original No. 6.1 | December 18, 1986 |
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| Index of Communities by Rates Applicable (Cont'd.) | First Rev. No. 7.1 | May 12, 1993 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: | | |
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| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 through No. 9.05 | December 18, 1986 |
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| Metering and Metering Equip. | Original No. 9.06 through No. 9.08 | December 18, 1986 |
| Special Charges | Second Rev. No. 9.08 | May 12, 1993 |
| Other Conditions of Service | First Rev. No. 9.08 through No. 9.12 | Bills issued on & after May 1, 1991 |
| Construction Policy | First Revised No. 9.13 through No. 9.21 | June 30, 1994 |

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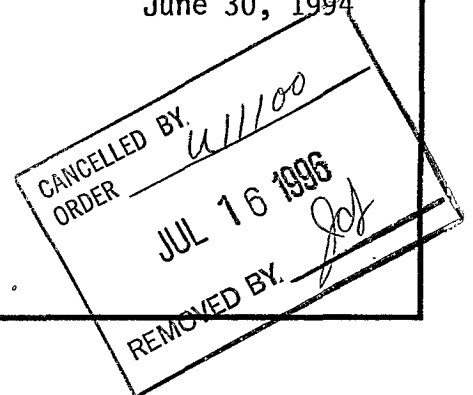
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| Check List (Cont'd.) | Second Rev. No. 3.1 | Bills issued on & after May 1, 1991 |
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| Check List (Cont'd.) | Third Rev. No. 3.3 | Bills issued on & after May 1, 1991 |
| Check List (Cont'd.) | Seventh Rev. No. 3.4 | May 18, 1995 |
| Check List (Cont'd.) | Eighth Rev. No. 3.5 | January 1, 1996 |
| Check List (Cont'd.) | Seventh Rev. No. 3.6 | January 1, 1996 |
| Check List (Cont'd.) | First Rev. No. 3.7 | May 12, 1993 |
| Description of Territory Served | First Rev. No. 4.0 | May 12, 1993 |
| Map of Territory Served | Original No. 5.0 | December 18, 1986 |
| List of Communities Served | Original No. 6.0 | December 18, 1986 |
| List of Comm. Served (Cont'd.) | Original No. 6.1 | December 18, 1986 |
| Index of Communities by Rates Applicable | Second Rev. No. 7.0 | May 12, 1993 |
| Index of Communities by Rates Applicable (Cont'd.) | First Rev. No. 7.1 | May 12, 1993 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: | | |
| Introduction | Original No. 9.00 | December 18, 1986 |
| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 | |
| | through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 | |
| | through No. 9.05 | December 18, 1986 |
| Nature and Quality of Service | Original No. 9.06 | December 18, 1986 |
| Metering and Metering Equip. | Original No. 9.06 | |
| | through No. 9.08 | December 18, 1986 |
| Special Charges | Second Rev. No. 9.08 | May 12, 1993 |
| Other Conditions of Service | First Rev. No. 9.08 | |
| | through No. 9.12 | Bills issued on & after May 1, 1991 |
| Construction Policy | First Revised No. 9.13 | |
| | through No. 9.21 | June 30, 1994 |

Continued to Sheet No. 3.1



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| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|------------------------|--|
| Title Page | Original No. 1.0 | December 18, 1986 |
| Table of Contents | First Revised No. 2.0 | |
| | through No. 2.1 | May 12, 1993 |
| Check List | Ninth Rev. No. 3.0 | May 18, 1995 |
| Check List (Cont'd.) | Second Rev. No. 3.1 | Bills issued on & after May 1, 1991 |
| Check List (Cont'd.) | Second Rev. No. 3.2 | December 18, 1986 |
| Check List (Cont'd.) | Third Rev. No. 3.3 | Bills issued on & after May 1, 1991 |
| Check List (Cont'd.) | Seventh Rev. No. 3.4 | May 18, 1995 |
| Check List (Cont'd.) | Seventh Rev. No. 3.5 | April 27, 1995 |
| Check List (Cont'd.) | Sixth Rev. No. 3.6 | April 27, 1995 |
| Check List (Cont'd.) | First Rev. No. 3.7 | May 12, 1993 |
| Description of Territory Served | First Rev. No. 4.0 | May 12, 1993 |
| Map of Territory Served | Original No. 5.0 | December 18, 1986 |
| List of Communities Served | Original No. 6.0 | December 18, 1986 |
| List of Comm. Served (Cont'd.) | Original No. 6.1 | December 18, 1986 |
| Index of Communities by Rates Applicable | Second Rev. No. 7.0 | May 12, 1993 |
| Index of Communities by Rates Applicable (Cont'd.) | First Rev. No. 7.1 | May 12, 1993 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: | | |
| Introduction | Original No. 9.00 | December 18, 1986 |
| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 | |
| | through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 | |
| | through No. 9.05 | December 18, 1986 |
| Nature and Quality of Service | Original No. 9.06 | December 18, 1986 |
| Metering and Metering Equip. | Original No. 9.06 | |
| | through No. 9.08 | December 18, 1986 |
| Special Charges | Second Rev. No. 9.08 | May 12, 1993 |
| Other Conditions of Service | First Rev. No. 9.08 | |
| | through No. 9.12 | Bills issued on & after May 1, 1991 |
| Construction Policy | First Revised No. 9.13 | |
| | through No. 9.21 | June 30, 1994 |

Continued to Sheet No. 3.1

Issued May 26, 1995 by _____

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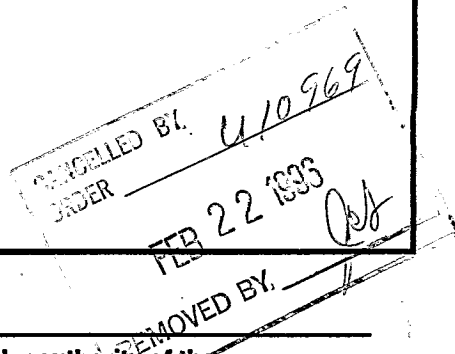


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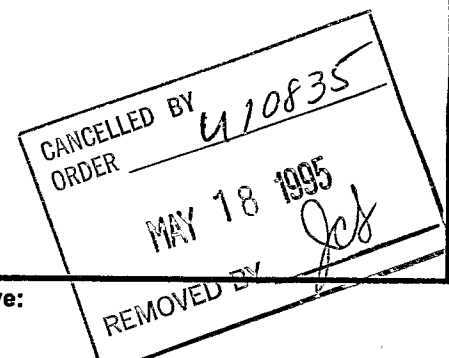
In Case No. _____



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| Check List (Cont'd.) | Third Rev. No. 3.3 | Bills issued on & after May 1, 1991 |
| Check List (Cont'd.) | Sixth Rev. No. 3.4 | April 27, 1995 |
| Check List (Cont'd.) | Seventh Rev. No. 3.5 | April 27, 1995 |
| Check List (Cont'd.) | Sixth Rev. No. 3.6 | April 27, 1995 |
| Check List (Cont'd.) | First Rev. No. 3.7 | May 12, 1993 |
| Description of Territory Served | First Rev. No. 4.0 | May 12, 1993 |
| Map of Territory Served | Original No. 5.0 | December 18, 1986 |
| List of Communities Served | Original No. 6.0 | December 18, 1986 |
| List of Comm. Served (Cont'd.) | Original No. 6.1 | December 18, 1986 |
| Index of Communities by Rates Applicable | Second Rev. No. 7.0 | May 12, 1993 |
| Index of Communities by Rates Applicable (Cont'd.) | First Rev. No. 7.1 | May 12, 1993 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: | | |
| Introduction | Original No. 9.00 | December 18, 1986 |
| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 | |
| | through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 | |
| | through No. 9.05 | December 18, 1986 |
| Nature and Quality of Service | Original No. 9.06 | December 18, 1986 |
| Metering and Metering Equip. | Original No. 9.06 | |
| | through No. 9.08 | December 18, 1986 |
| Special Charges | Second Rev. No. 9.08 | May 12, 1993 |
| Other Conditions of Service | First Rev. No. 9.08 | |
| | through No. 9.12 | Bills issued on & after May 1, 1991 |
| Construction Policy | First Revised No. 9.13 | |
| | through No. 9.21 | June 30, 1994 |

Continued to Sheet No. 3.1



Issued May 16, 1995 by

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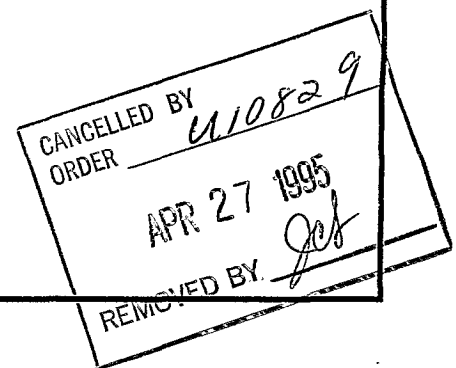
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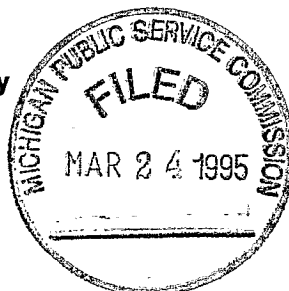
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| | through No. 2.1 | May 12, 1993 |
| Check List | Seventh Rev. No. 3.0 | March 10, 1995 |
| Check List (Cont'd.) | Second Rev. No. 3.1 | Bills issued on & after May 1, 1991 |
| Check List (Cont'd.) | Second Rev. No. 3.2 | December 18, 1986 |
| Check List (Cont'd.) | Third Rev. No. 3.3 | Bills issued on & after May 1, 1991 |
| Check List (Cont'd.) | Fifth Rev. No. 3.4 | March 10, 1995 |
| Check List (Cont'd.) | Sixth Rev. No. 3.5 | March 10, 1995 |
| Check List (Cont'd.) | Fifth Rev. No. 3.6 | January 25, 1995 |
| Check List (Cont'd.) | First Rev. No. 3.7 | May 12, 1993 |
| Description of Territory Served | First Rev. No. 4.0 | May 12, 1993 |
| Map of Territory Served | Original No. 5.0 | December 18, 1986 |
| List of Communities Served | Original No. 6.0 | December 18, 1986 |
| List of Comm. Served (Cont'd.) | Original No. 6.1 | December 18, 1986 |
| Index of Communities by Rates Applicable | Second Rev. No. 7.0 | May 12, 1993 |
| Index of Communities by Rates Applicable (Cont'd.) | First Rev. No. 7.1 | May 12, 1993 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: | | |
| Introduction | Original No. 9.00 | December 18, 1986 |
| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 | |
| | through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 | |
| | through No. 9.05 | December 18, 1986 |
| Nature and Quality of Service | Original No. 9.06 | December 18, 1986 |
| Metering and Metering Equip. | Original No. 9.06 | |
| | through No. 9.08 | December 18, 1986 |
| Special Charges | Second Rev. No. 9.08 | May 12, 1993 |
| Other Conditions of Service | First Rev. No. 9.08 | |
| | through No. 9.12 | Bills issued on & after May 1, 1991 |
| Construction Policy | First Revised No. 9.13 | |
| | through No. 9.21 | June 30, 1994 |

Continued to Sheet No. 3.1



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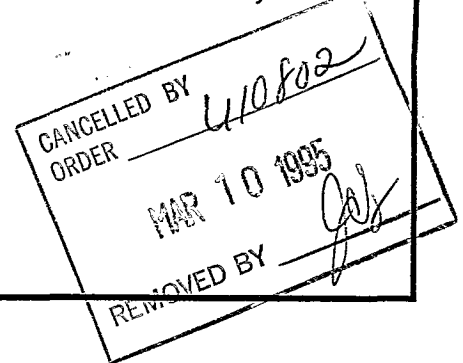
Dated _____

In Case No. _____

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| | <u>Sheet Number</u> | <u>Effective Date</u> |
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| Table of Contents | First Revised No. 2.0 | |
| | through No. 2.1 | May 12, 1993 |
| Check List | Sixth Rev. No. 3.0 | January 25, 1995 |
| Check List (Cont'd.) | First Rev. No. 3.1 | Bills issued on & after May 1, 1991 |
| Check List (Cont'd.) | Original No. 3.2 | December 18, 1986 |
| Check List (Cont'd.) | First Rev. No. 3.3 | Bills issued on & after May 1, 1991 |
| Check List (Cont'd.) | Fourth Rev. No. 3.4 | May 12, 1993 |
| Check List (Cont'd.) | Fifth Rev. No. 3.5 | January 25, 1995 |
| Check List (Cont'd.) | Fourth Rev. No. 3.6 | January 25, 1995 |
| Check List (Cont'd.) | Second Rev. No. 3.7 | May 12, 1993 |
| Description of Territory Served | First Rev. No. 4.0 | May 12, 1993 |
| Map of Territory Served | Original No. 5.0 | December 18, 1986 |
| List of Communities Served | Original No. 6.0 | December 18, 1986 |
| List of Comm. Served (Cont'd.) | Original No. 6.1 | December 18, 1986 |
| Index of Communities by Rates Applicable | Second Rev. No. 7.0 | May 12, 1993 |
| Index of Communities by Rates Applicable (Cont'd.) | Second Rev. No. 7.1 | May 12, 1993 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: | | |
| Introduction | Original No. 9.00 | December 18, 1986 |
| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 | |
| | through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 | |
| | through No. 9.05 | December 18, 1986 |
| Nature and Quality of Service | Original No. 9.06 | December 18, 1986 |
| Metering and Metering Equip. | Original No. 9.06 | |
| | through No. 9.08 | December 18, 1986 |
| Special Charges | Second Rev. No. 9.08 | May 12, 1993 |
| Other Conditions of Service | First Rev. No. 9.08 | |
| | through No. 9.12 | Bills issued on & after May 1, 1991 |
| Construction Policy | First Revised No. 9.13 | |
| | through No. 9.21 | June 30, 1994 |

Continued to Sheet No. 3.1



Issued February 9, 1995 by

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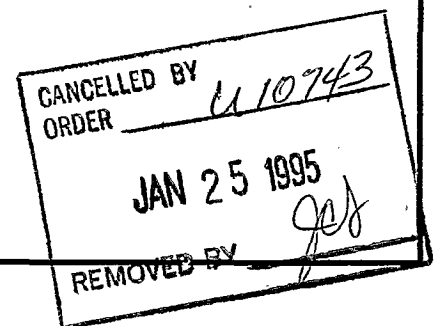
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| Table of Contents | First Revised No. 2.0 through No. 2.1 | May 12, 1993 |
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| Check List (Cont'd.) | Original No. 3.2 | December 18, 1986 |
| Check List (Cont'd.) | First Rev. No. 3.3 | Bills issued on & after May 1, 1991 |
| Check List (Cont'd.) | Fourth Rev. No. 3.4 | May 12, 1993 |
| Check List (Cont'd.) | Fourth Rev. No. 3.5 | January 1, 1995 |
| Check List (Cont'd.) | Third Rev. No. 3.6 | January 1, 1995 |
| Check List (Cont'd.) | Second Rev. No. 3.7 | May 12, 1993 |
| Description of Territory Served | First Rev. No. 4.0 | May 12, 1993 |
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| List of Communities Served | Original No. 6.0 | December 18, 1986 |
| List of Comm. Served (Cont'd.) | Original No. 6.1 | December 18, 1986 |
| Index of Communities by Rates Applicable | Second Rev. No. 7.0 | May 12, 1993 |
| Index of Communities by Rates Applicable (Cont'd.) | Second Rev. No. 7.1 | May 12, 1993 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: | | |
| Introduction | Original No. 9.00 | December 18, 1986 |
| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 through No. 9.05 | December 18, 1986 |
| Nature and Quality of Service | Original No. 9.06 | December 18, 1986 |
| Metering and Metering Equip. | Original No. 9.06 through No. 9.08 | December 18, 1986 |
| Special Charges | Second Rev. No. 9.08 | May 12, 1993 |
| Other Conditions of Service | First Rev. No. 9.08 through No. 9.12 | Bills issued on & after May 1, 1991 |
| Construction Policy | First Revised No. 9.13 through No. 9.21 | June 30, 1994 |

Continued to Sheet No. 3.1



Issued January 18, 1995 by

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| Title Page | Original No. 1.0 | December 18, 1986 |
| Table of Contents | First Revised No. 2.0 | |
| | through No. 2.1 | May 12, 1993 |
| Check List | Fourth Rev. No. 3.0 | June 30, 1994 |
| Check List (Cont'd.) | First Rev. No. 3.1 | Bills issued on & after May 1, 1991 |
| Check List (Cont'd.) | Original No. 3.2 | December 18, 1986 |
| Check List (Cont'd.) | First Rev. No. 3.3 | Bills issued on & after May 1, 1991 |
| Check List (Cont'd.) | Fourth Rev. No. 3.4 | May 12, 1993 |
| Check List (Cont'd.) | Third Rev. No. 3.5 | May 12, 1993 |
| Check List (Cont'd.) | Second Rev. No. 3.6 | May 12, 1993 |
| Check List (Cont'd.) | Second Rev. No. 3.7 | May 12, 1993 |
| Description of Territory Served | First Rev. No. 4.0 | May 12, 1993 |
| Map of Territory Served | Original No. 5.0 | December 18, 1986 |
| List of Communities Served | Original No. 6.0 | December 18, 1986 |
| List of Comm. Served (Cont'd.) | Original No. 6.1 | December 18, 1986 |
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| Index of Communities by Rates Applicable (Cont'd.) | Second Rev. No. 7.1 | May 12, 1993 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: | | |
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| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 | |
| | through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 | |
| | through No. 9.05 | December 18, 1986 |
| Nature and Quality of Service | Original No. 9.06 | December 18, 1986 |
| Metering and Metering Equip. | Original No. 9.06 | |
| | through No. 9.08 | December 18, 1986 |
| Special Charges | Second Rev. No. 9.08 | May 12, 1993 |
| Other Conditions of Service | First Rev. No. 9.08 | |
| | through No. 9.12 | Bills issued on & after May 1, 1991 |
| Construction Policy | First Revised No. 9.13 | |
| | through No. 9.21 | June 30, 1994 |

Continued to Sheet No. 3.1

*Canceled
Jan. 11, 1995
Crel. No. 410706*

Issued July 27, 1994

by

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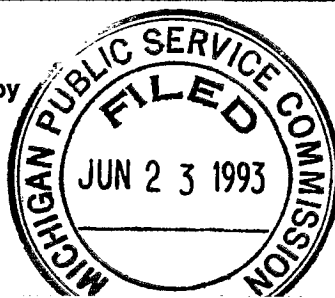
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| | through No. 2.1 | May 12, 1993 |
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| Check List (Cont'd.) | Original No. 3.2 | December 18, 1986 |
| Check List (Cont'd.) | First Rev. No. 3.3 | Bills issued on & after May 1, 1991 |
| Check List (Cont'd.) | Fourth Rev. No. 3.4 | May 12, 1993 |
| Check List (Cont'd.) | Third Rev. No. 3.5 | May 12, 1993 |
| Check List (Cont'd.) | Second Rev. No. 3.6 | May 12, 1993 |
| Check List (Cont'd.) | Second Rev. No. 3.7 | May 12, 1993 |
| Description of Territory Served | First Rev. No. 4.0 | May 12, 1993 |
| Map of Territory Served | Original No. 5.0 | December 18, 1986 |
| List of Communities Served | Original No. 6.0 | December 18, 1986 |
| List of Comm. Served (Cont'd.) | Original No. 6.1 | December 18, 1986 |
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| Index of Communities by Rates Applicable (Cont'd.) | Second Rev. No. 7.1 | May 12, 1993 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: | | |
| Introduction | Original No. 9.00 | December 18, 1986 |
| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 | |
| | through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 | |
| | through No. 9.05 | December 18, 1986 |
| Nature and Quality of Service | Original No. 9.06 | December 18, 1986 |
| Metering and Metering Equip. | Original No. 9.06 | |
| | through No. 9.08 | December 18, 1986 |
| Special Charges | Second Rev. No. 9.08 | May 12, 1993 |
| Other Conditions of Service | First Rev. No. 9.08 | |
| | through No. 9.12 | Bills issued on & after May 1, 1991 |
| Construction Policy: | | |
| Overhead Extension Policy | Original No. 9.13 | |
| | through No. 9.16 | December 18, 1986 |
| Underground Service Policy | Original No. 9.16 | |
| | through No. 9.28 | December 18, 1986 |
| Miscellaneous General Construction Policy | Original No. 9.28 | |
| | through No. 9.31 | December 18, 1986 |

Continued to Sheet No. 3.1

Issued June 1, 1993

by

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President
Houghton, Michigan

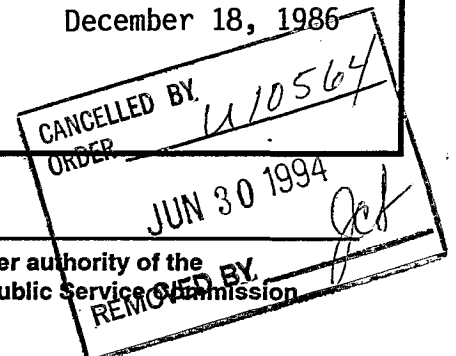


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Dated

In Case No.



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| | <u>Sheet Number</u> | <u>Effective Date</u> |
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| Title Page | Original No. 1.0 | December 18, 1986 |
| Table of Contents | Original No. 2.0 | |
| | through No. 2.1 | December 18, 1986 |
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| Check List (Cont'd.) | First Rev. No. 3.3 | Bills issued on & after May 1, 1991 |
| Check List (Cont'd.) | Third Rev. No. 3.4 | Bills issued on & After Jan 1, 1992 |
| Check List (Cont'd.) | Second Rev. No. 3.5 | Bills issued on & after Jan 1, 1992 |
| Check List (Cont'd.) | First Rev. No. 3.6 | Bills issued on & after Jan 1, 1992 |
| Check List (Cont'd.) | First Rev. No. 3.7 | Bills issued on & after Jan 1, 1992 |
| Description of Territory Served | Original No. 4.0 | December 18, 1986 |
| Map of Territory Served | Original No. 5.0 | December 18, 1986 |
| List of Communities Served | Original No. 6.0 | December 18, 1986 |
| List of Comm. Served (Cont'd.) | Original No. 6.1 | December 18, 1986 |
| Index of Communities by Rates Applicable | Original No. 7.0 | December 18, 1986 |
| Index of Communities by Rates Applicable (Cont'd.) | Original No. 7.1 | December 18, 1986 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: | | |
| Introduction | Original No. 9.00 | December 18, 1986 |
| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 | |
| | through No. 9.02 | December 18, 1986 |
| Use of Service | Original No. 9.02 | |
| | through No. 9.05 | December 18, 1986 |
| Nature and Quality of Service | Original No. 9.06 | December 18, 1986 |
| Metering and Metering Equip. | Original No. 9.06 | |
| | through No. 9.08 | December 18, 1986 |
| Special Charges | First Rev. No. 9.08 | Bills issued on & after May 1, 1991 |
| Other Conditions of Service | First Rev. No. 9.08 | |
| | through No. 9.12 | Bills issued on & after May 1, 1991 |
| Construction Policy: | | |
| Overhead Extension Policy | Original No. 9.13 | |
| | through No. 9.16 | December 18, 1986 |

Continued to Sheet No. 3.1

Issued January 3, 1992 by

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In Case No.

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ORDER
MAY 11 1993
REMOVED BY

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| Check List (Cont'd.) | Original No. 3.2 | December 18, 1986 |
| Check List (Cont'd.) | First Rev. No. 3.3 | Bills issued on & after May 1, 1991 |
| Check List (Cont'd.) | First Rev. No. 3.4 | Bills issued on & After May 1, 1991 |
| Check List (Cont'd.) | First Rev. No. 3.5 | Bills issued on & after May 1, 1991 |
| Description of Territory Served | Original No. 4.0 | December 18, 1986 |
| Map of Territory Served | Original No. 5.0 | December 18, 1986 |
| List of Communities Served | Original No. 6.0 | December 18, 1986 |
| List of Comm. Served (Cont'd.) | Original No. 6.1 | December 18, 1986 |
| Index of Communities by Rates Applicable | Original No. 7.0 | December 18, 1986 |
| Index of Communities by Rates Applicable (Cont'd.) | Original No. 7.1 | December 18, 1986 |
| Miscellaneous | Original No. 8.0 | December 18, 1986 |
| Standard Rules and Regulations: | | |
| Introduction | Original No. 9.00 | December 18, 1986 |
| Membership and Elec. Service | Original No. 9.00 | December 18, 1986 |
| Ownership and Responsibility | Original No. 9.00 | |
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| | through No. 9.16 | December 18, 1986 |

Continued to Sheet No. 3.1

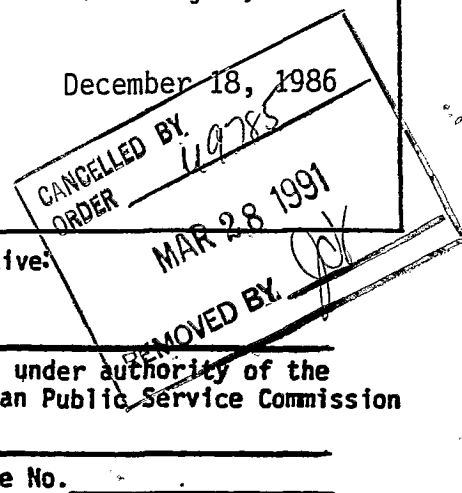
Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective:

Issued under authority of the
Michigan Public Service Commission
Dated _____
In Case No. _____



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Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case no. _____

Effective for electric service
rendered on and after

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ORDER

MAR 28 1987

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Issued: **9-1-03**
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

| |
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| MICHIGAN PUBLIC UTILITY COMMISSION |
| NOV 6 2003 |
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DATE 11-6-03

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MICHIGAN PUBLIC
SERVICE COMMISSION

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Effective for Service
On and After: 6-1-03
Issued Under Auth. of
Mich. Public Serv Comm
Dated 11-16-99
In Case No: U-12092

Issued:

By: J.F. Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

Continued from Sheet No. 3.0
CHECK LIST

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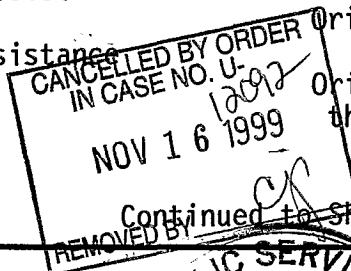
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| CANCELLED BY | ORDER <u>U-12092</u> |
| REMOVED BY | <u>JKB</u> |
| DATE | <u>7-21-03</u> |

Continued from Sheet No. 3.0
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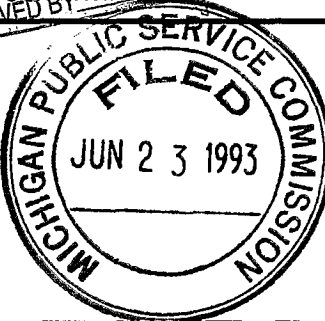
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Issued June 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective:

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Michigan Public Service Commission

Dated

In Case No.

Continued from Sheet No. 3.0
CHECK LIST

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| Emergency Procedures of Wholesale Suppliers | Original No. 9.35 | December 18, 1986 |
| Consumers Services Rules-Residential: Definitions | Original No. 9.36 through No. 9.37 | December 18, 1986 December 18, 1986 |
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Issued April 16, 1991
by E. Argenta
President
Houghton, Michigan
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MAY 11 1993
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Dated _____
In Case No. _____

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Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case no. _____

Effective for electric service
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Issued: **4-30-05**
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

Effective Date: See Above

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| First Revised Sheet No. 9.58 | June 1, 2003 |
| First Revised Sheet No. 9.59 | June 1, 2003 |
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| First Revised Sheet No. 10.5 | April 17, 2003 |
| Tenth Revised Sheet No. 11.0 | April 17, 2003 |
| Fourth Revised Sheet No. 11.1 | December 21, 2002 |
| Tenth Revised Sheet No. 12.0 | April 17, 2003 |
| Third Revised Sheet No. 12.1 | December 21, 2002 |
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| Ninth Revised Sheet No. 16.0 | December 21, 2002 |
| Sixth Revised Sheet No. 16.1 | April 17, 2003 |

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Issued: **9-1-03**
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

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| MICHIGAN PUBLIC SERVICE COMMISSION |
| NOV 6 2003 |
| FILED <u>JKB</u> |

Effective Date: See Above

| CHECK LIST | | |
|---------------------------------------|------------------------|----------------|
| Continued from Sheet No. 3.1 | | |
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| Additional Energy Assistance Programs | First Revised No. 9.44 | June 1, 2003 |
| Billing Error | First Revised No. 9.44 | June 1, 2003 |
| Deposit for New Customer | First Revised No. 9.45 | June 1, 2003 |
| Deposit for Previous Customer | First Revised No. 9.46 | June 1, 2003 |
| Prohibited Practices | First Revised No. 9.47 | June 1, 2003 |
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| Manner of Shutoff | First Revised No. 9.54 | |
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| Medical Emergency | First Revised No. 9.55 | June 1, 2003 |
| Restoration of Service | First Revised No. 9.55 | June 1, 2003 |
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| Default of Settlement Agreement | First Revised No. 9.63 | June 1, 2003 |
| Same Dispute | First Revised No. 9.63 | June 1, 2003 |

CANCELLED BY
ORDER 11-6300
REMOVED BY JKB

Continued to Sheet No. 3.3

Issued:
By: J.F. Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

MICHIGAN PUBLIC
SERVICE COMMISSION

JUL 21 2003

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DATE 11-6-03

Effective for Service
On and After: 6-1-03
Issued Under Auth. of
Mich Public Serv Comm
Dated 11-16-99
In Case No: U-12092

Continued from Sheet No. 3.1

CHECK LIST

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| Cash Deposit or Other Guarantee as Condition of Continued Service | Original No. 9.43 | December 18, 1986 |
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| Guarantee Terms and Conditions | Original No. 9.45 | |
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| Applicability | Original No. 9.46 | December 18, 1986 |
| Complaint Procedures | Original No. 9.46 | December 18, 1986 |
| Personnel Procedures Required | Original No. 9.46 | |
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| Publication of Procedures | Original No. 9.47 | |
| | through No. 9.48 | December 18, 1986 |
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| Reporting Requirement | Original No. 9.49 | December 18, 1986 |
| Inspection | Original No. 9.49 | December 18, 1986 |
| Time of Discontinuation | Original No. 9.49 | December 18, 1986 |
| Manner of Discontinuation | Original No. 9.50 | |
| | through No. 9.51 | December 18, 1986 |
| Medical Emergency | Original No. 9.51 | December 18, 1986 |
| Restoration of Service | Original No. 9.51 | December 18, 1986 |
| Discontinuance | Original No. 9.51 | |
| | through No. 9.52 | December 18, 1986 |
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| | through No. 9.54 | December 18, 1986 |
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| | through No. 9.56 | December 18, 1986 |
| Complaints and Disputed Claims | Original No. 9.56 | December 18, 1986 |
| Hearing | Original No. 9.56 | December 18, 1986 |
| Payment of Amount Not in Dispute | Original No. 9.57 | December 18, 1986 |
| Notice of Hearing | Original No. 9.57 | December 18, 1986 |

Continued to Sheet No. 3.3



| | |
|--------------|----------------------|
| CANCELLED BY | ORDER <u>4-12092</u> |
| REMOVED BY | <u>JKB</u> |
| DATE | <u>7-21-03</u> |

Continued from Sheet No. 3.1
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| Additional Energy Assistance Programs | Original No. 9.42 | December 18, 1986 |
| Cash Deposit as a New Condition of New Service | Original No. 9.42 through No. 9.43 | December 18, 1986 |
| Cash Deposit or Other Guarantee as Condition of Continued Service | Original No. 9.43 | December 18, 1986 |
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| Guarantee Terms and Conditions | Original No. 9.45 through No. 9.46 | December 18, 1986 |
| Deposit Refund | Original No. 9.46 | December 18, 1986 |
| Applicability | Original No. 9.46 | December 18, 1986 |
| Complaint Procedures | Original No. 9.46 | December 18, 1986 |
| Personnel Procedures Required | Original No. 9.46 through No. 9.46 | December 18, 1986 |
| Utility Hearing Officers | Original No. 9.47 | December 18, 1986 |
| Publication of Procedures | Original No. 9.47 through No. 9.48 | December 18, 1986 |
| Public Access to Rules and Rates | Original No. 9.48 | December 18, 1986 |
| Reporting Requirement | Original No. 9.49 | December 18, 1986 |
| Inspection | Original No. 9.49 | December 18, 1986 |
| Time of Discontinuation | Original No. 9.49 | December 18, 1986 |
| Manner of Discontinuation | Original No. 9.50 through No. 9.51 | December 18, 1986 |
| Medical Emergency | Original No. 9.51 | December 18, 1986 |
| Restoration of Service | Original No. 9.51 | December 18, 1986 |
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| Hearing | Original No. 9.56 | December 18, 1986 |
| Payment of Amount Not in Dispute | Original No. 9.57 | December 18, 1986 |
| Notice of Hearing | Original No. 9.57 | December 18, 1986 |

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CANCELLED BY ORDER
IN CASE NO. U-12012

NOV 16 1999

Effective:

REMOVED BY *ctj*

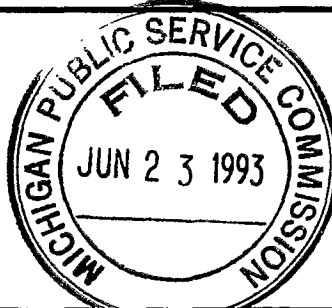
Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case No. _____

Issued June 1, 1993 by

C. Fisher
President
Houghton, Michigan



Continued from Sheet No. 3.1
CHECK LIST

| | <u>Sheet Number</u> | <u>Effective Date</u> |
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| Listing of Energy Assistance Programs | Original No. 9.41 | December 18, 1986 |
| Notice of Energy Assistance Programs | Original No. 9.41 through No. 9.42 | December 18, 1986 |
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| Cash Deposit as a New Condition of New Service | Original No. 9.42 through No. 9.43 | December 18, 1986 |
| Cash Deposit or Other Guarantee as Condition of Continued Service | Original No. 9.43 | December 18, 1986 |
| Other Standards Prohibited | Original No. 9.43 | December 18, 1986 |
| General Deposit Condition | Original No. 9.43 through No. 9.45 | December 18, 1986 |
| Guarantee in Lieu of Deposit | Original No. 9.45 | December 18, 1986 |
| Guarantee Terms and Conditions | Original No. 9.45 through No. 9.46 | December 18, 1986 |
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| Applicability | Original No. 9.46 | December 18, 1986 |
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| Personnel Procedures Required | Original No. 9.46 through No. 9.47 | December 18, 1986 |
| Utility Hearing Officers | Original No. 9.47 | December 18, 1986 |
| Publication of Procedures | Original No. 9.47 through No. 9.48 | December 18, 1986 |
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| Inspection | Original No. 9.49 | December 18, 1986 |
| Time of Discontinuation | Original No. 9.49 | December 18, 1986 |
| Manner of Discontinuation | Original No. 9.50 through No. 9.51 | December 18, 1986 |
| Medical Emergency | Original No. 9.51 | December 18, 1986 |
| Restoration of Service | Original No. 9.51 | December 18, 1986 |
| Discontinuance | Original No. 9.51 through No. 9.52 | December 18, 1986 |
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| Notice of Discontinuation of Service | Original No. 9.54 through 9.55 | December 18, 1986 |

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Issued April 4, 1991 BY 410094

E. Argenta
President
Houghton, Michigan

ORDER

MAY 11 1993
REMOVED BY. *JS*



Effective:

Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case No. _____

Continued from Sheet No. 3.1
CHECK LIST

| | <u>Sheet Number</u> | <u>Effective Date</u> |
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| Other Standards Prohibited | Original No. 9.43 | December 18, 1986 |
| General Deposit Condition | Original No. 9.43 | |
| | through No. 9.45 | December 18, 1986 |
| Guarantee in Lieu of Deposit | Original No. 9.45 | December 18, 1986 |
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| Applicability | Original No. 9.46 | December 18, 1986 |
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| Restoration of Service | Original No. 9.51 | December 18, 1986 |
| Discontinuance | Original No. 9.51 | |
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Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case no. _____

Effective for electric service
rendered on and after

CANCELLED BY
ORDER

MAR 28 1991

REMOVED BY _____

Continued from Sheet No. 3.2

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Issued: **12-23-04**
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

| |
|---------------------------------------|
| Michigan Public Service Commission |
| January 4, 2005 |
| Filed <u>RL</u> |

Effective Date: See Above

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Issued: **10-19-04**
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

| |
|---------------------------------------|
| Michigan Public Service Commission |
| October 19, 2004 |
| Filed <i>JS</i> |

Effective Date: See Above

Issued under authority of the
Michigan Public Service Commission
Dated: October 14, 2004

In Case No. U-13553-R

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|---|
| CANCELLED BY ORDER <u>U-14262, U-13553-R</u> |
| REMOVED BY <u>RL</u> |
| DATE <u>1-4-05</u> |

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| REMOVED BY <u>PJ</u> |
| DATE <u>10-19-2004</u> |

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Issued: **9-24-04**
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

| |
|---------------------------------------|
| Michigan Public Service Commission |
| October 13, 2004 |
| Filed <u>M</u> |

Effective Date: See Above

Issued under authority of the
Michigan Public Service Commission
Dated: August 31, 2004

In Case No. U-13553-R

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CANCELLED BY
ORDER U-13553-R
REMOVED BY PJ
DATE 10-13-04

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Issued: **9-24-04**
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

| |
|---------------------------------------|
| Michigan Public Service Commission |
| September 28, 2004 |
| Filed <u>JS</u> |

Effective Date: See Above

Issued under authority of the
Michigan Public Service Commission
Dated: August 31, 2004

In Case No. U-13904

Continued from Sheet No. 3.2

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| First Revised Sheet No. 16.4 | January 1, 1994 |
| Ninth Revised Sheet No. 16.5 | December 21, 2002 |
| Second Revised Sheet No. 16.5.1 | April 17, 2003 |
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| Third Revised Sheet No. 16.6 | May 18, 1995 |
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| Original Sheet No. 16.10 | December 21, 2002 |
| Original Sheet No. 16.11 | December 21, 2002 |
| Original Sheet No. 16.12 | December 21, 2002 |
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| Second Revised Sheet No. 31.1 | December 21, 2002 |
| Ninth Revised Sheet No. 32.0 | April 17, 2003 |
| First Revised Sheet No. 32.1 | December 21, 2002 |

Continued to Sheet No. 3.4

Issued: **2-14-04**
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

| |
|---------------------------------------|
| MICHIGAN PUBLIC SERVICE COMMISSION |
| FEB 20 2004 |
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Effective Date: See Above

Continued from Sheet No. 3.2

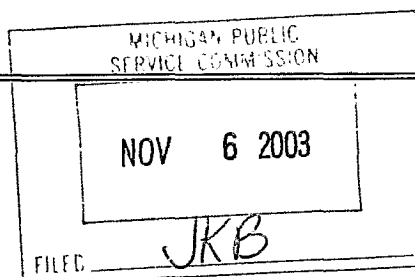
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| Ninth Revised Sheet No. 31.0 | April 17, 2003 |
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| Ninth Revised Sheet No. 32.0 | April 17, 2003 |
| First Revised Sheet No. 32.1 | December 21, 2002 |

CANCELLED BY ^{Self} Implementation
ORDER 4-13904
REMOVED BY JKB
DATE 2-20-04

Continued to Sheet No. 3.4

Issued: 9-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin



Effective Date: See Above

CHECK LIST

Continued from Sheet No. 3.2

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| Winter Protection Plan | First Revised No. 9.64 | |
| through | First Revised No. 9.66 | June 1, 2003 |
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Services Supplied by Electric Utilities

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| Billing for Fractional Month's | | |
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| through | Original No. 9.75 | June 1, 2003 |

CANCELLED BY
ORDER U-6300

REMOVED BY JKB

DATE 11/6/03

Continued to Sheet No. 3.4

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By: J.F. Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

MICHIGAN PUBLIC
SERVICE COMMISSION

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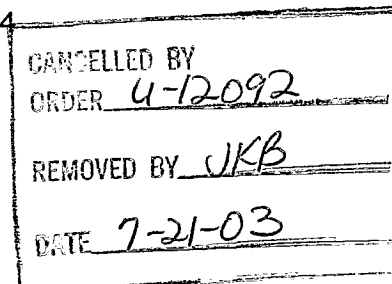
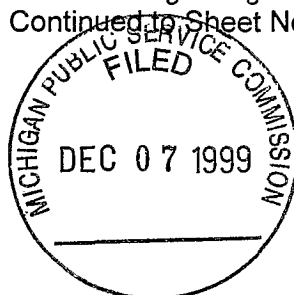
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On and After: 6-1-03
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Dated 11-16-99
In Case No: U-12092

Continued from Sheet No. 3.2

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| Hearing Procedures | Original No. 9.58 | |
| | through No. 9.60 | December 18, 1986 |
| Settlement Agreement | Original No. 9.60 | |
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| Filing Procedure | Original No. 9.62 | |
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| Informal Appeal Procedure | Original No. 9.6 | |
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| Appeal Review | Original No. 9.64 | |
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| Discontinuance Pending Decision | Original No. 9.65 | December 18, 1986 |
| Informal Appeal Decision | Original No. 9.65 | December 18, 1986 |
| Notice and Discontinuation | Original No. 9.65 | December 18, 1986 |
| Res Judicata | Original No. 9.65 | December 18, 1986 |
| Formal Appeal | Original No. 9.65 | December 18, 1986 |
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| Deposits | Original No. 9.67 | |
| | through First Revised No. 9.68 | Bills issued on & after May 1, 1991 |
| Bill Forms | First Revised No. 9.68 | |
| | through 9.69 | July 16, 1996 |
| Denial of Service | Original No. 9.69 | |
| | through 9.70 | Bills issued on & after May 1, 1991 |
| Denial of Service; Insufficient Cause | Original No. 9.70 | |
| | through Second Revised No. 9.71 | Bills issued on & after May 1, 1991 |
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| Delivery & Payment of Bills | Second Revised No. 9.71 | November 17, 1999 |
| Meter Readings & Estimates | Second Revised No. 9.71 | November 17, 1999 |
| Billing for Fractional Month's Electric Service | Second Revised No. 9.71 through Original No. 9.71.1 | November 17, 1999 |

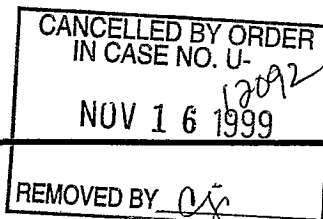
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Continued from Sheet No. 3.2
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| | <u>Sheet Number</u> | <u>Effective Date</u> |
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| Hearing Procedures | Original No. 9.58 through No. 9.60 | December 18, 1986 |
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| Emergency Discontinuation | Original No. 9.62 | December 18, 1986 |
| Informal Appeal | Original No. 9.62 | December 18, 1986 |
| Filing Procedure | Original No. 9.62 through No. 9.63 | December 18, 1986 |
| Exhaustion of Remedies | Original No. 9.63 | December 18, 1986 |
| Informal Appeal Procedure | Original No. 9.6 through No. 9.64 | December 18, 1986 |
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| Appeal Review | Original No. 9.64 through No. 9.65 | December 18, 1986 |
| Discontinuance Pending Decision | Original No. 9.65 | December 18, 1986 |
| Informal Appeal Decision | Original No. 9.65 | December 18, 1986 |
| Notice and Discontinuation | Original No. 9.65 | December 18, 1986 |
| Res Judicata | Original No. 9.65 | December 18, 1986 |
| Formal Appeal | Original No. 9.65 | December 18, 1986 |
| Other Remedies | Original No. 9.66 | December 18, 1986 |
| Commercial and Industrial: | | |
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| Denial of Service | Original No. 9.69 through 9.70 | Bills issued on & after May 1, 1991 |
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| Discounts & Delayed Payments | First Revised No. 9.71 | July 16, 1996 |
| Delivery & Payment of Bills | First Revised No. 9.71 | July 16, 1996 |
| Meter Readings & Estimates | First Revised No. 9.71 | July 16, 1996 |

Continued to Sheet No. 3.4



Issued August 7, 1996 by
C. Fisher
President
Houghton, Michigan



Effective:

Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case No. _____

Continued from Sheet No. 3.2
CHECK LIST

| | <u>Sheet Number</u> | <u>Effective Date</u> |
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| Hearing Procedures | Original No. 9.58 through No. 9.60 | December 18, 1986 |
| Settlement Agreement | Original No. 9.60 through No. 9.61 | December 18, 1986 |
| Default of Settlement Agreement | Original No. 9.61 through No. 9.62 | December 18, 1986 |
| Res Judicata | Original No. 9.62 | December 18, 1986 |
| Emergency Discontinuation | Original No. 9.62 | December 18, 1986 |
| Informal Appeal | Original No. 9.62 | December 18, 1986 |
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| Informal Appeal Procedure | Original No. 9.6 through No. 9.64 | December 18, 1986 |
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| Bill Forms | Original No. 9.68 through 9.69 | Bills issued on & after May 1, 1991 |
| Denial of Service | Original No. 9.69 through 9.70 | Bills issued on & after May 1, 1991 |
| Denial of Service; Insufficient Cause | Original No. 9.70 through 9.71 | Bills issued on & after May 1, 1991 |
| Discounts and Delayed Payments | Original No. 9.71 | Bills issued on & after May 1, 1991 |
| Delivery and Payment of Bills | Original No. 9.71 | Bills issued on & after May 1, 1991 |

Continued to Sheet No. 3.4

Issued June 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective:

Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case No. _____

CANCELLED BY
ORDER 411/00

JUL 16 1996

Continued from Sheet No. 3.2
CHECK LIST

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| Form of Notice | Original No. 9.55 through No. 9.56 | December 18, 1986 |
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| Payment of Amount Not in Dispute | Original No. 9.57 | December 18, 1986 |
| Notice of Hearing | Original No. 9.57 | December 18, 1986 |
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| Default of Settlement Agreement | Original No. 9.61 through No. 9.62 | December 18, 1986 |
| Res Judicata | Original No. 9.62 | December 18, 1986 |
| Emergency Discontinuation | Original No. 9.62 | December 18, 1986 |
| Informal Appeal | Original No. 9.62 | December 18, 1986 |
| Filing Procedure | Original No. 9.62 through No. 9.63 | December 18, 1986 |
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| Appeal Review | Original No. 9.64 through No. 9.65 | December 18, 1986 |
| Discontinuance Pending Decision | Original No. 9.65 | December 18, 1986 |
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| Res Judicata | Original No. 9.65 | December 18, 1986 |
| Formal Appeal | Original No. 9.65 | December 18, 1986 |
| Other Remedies | Original No. 9.66 | December 18, 1986 |
| Commercial and Industrial: Deposits | Original No. 9.67 through 9.68 | Bills issued on & after May 1, 1991 |
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| Denial of Service | Original No. 9.69 through 9.70 | Bills issued on & after May 1, 1991 |

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Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective:

Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case No. _____

CANCELLED BY: 4/10094
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MAY 11 1993
REMOVED BY: [Signature]

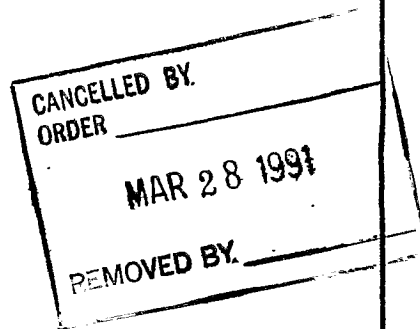
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| Informal Appeal Procedure | Original No. 9.63 through No. 9.64 | December 18, 1986 |
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| Appeal Review | Original No. 9.64 through No. 9.65 | December 18, 1986 |
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Interconnected System Districts

Rate Schedules

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| X-1 Residential Experimental Time-of-Day Service | First Rev. No. 11.1 | |
| AH-1 Residential Electric Heating Service - Urban and Rural | First Rev. No. 12.0 | |
| AH-1 Residential Electric Heating Service - Urban and Rural (Cont'd.) | First Rev. No. 12.1 | |
| C-1 General Service | First Rev. No. 13.0 | |
| C-1 General Service (Cont'd.) | First Rev. No. 13.1 | |
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| CG-1 Primary Cogeneration Tariff | Original No. 16.2 | December 18, 1986 |
| CG-1 Primary Cogeneration (Cont'd.) | Original No. 16.3 | December 18, 1986 |



Continued to Sheet No. 3.4

Issued September 2, 1988 by

E. Argentati
President
Houghton, Michigan



Effective with the
September 1988 billing cycle

Issued under authority of the
Michigan Public Service Commission
Dated August 23, 1988
In Case No. U-9127

Continued from Sheet No. 3.2
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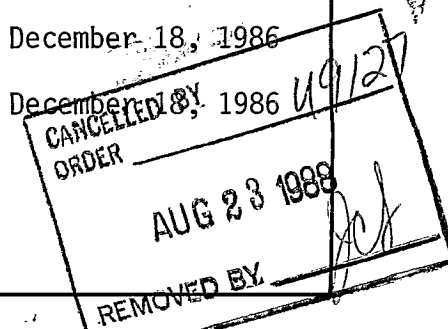
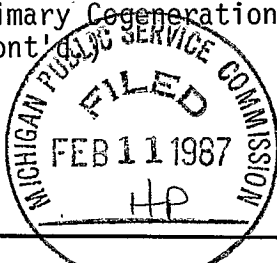
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| Appeal Review | Original No. 9.64 through No. 9.65 | December 18, 1986 |
| Discontinuance Pending Decision | Original No. 9.65 | December 18, 1986 |
| Informal Appeal Decision | Original No. 9.65 | December 18, 1986 |
| Notice and Discontinuation | Original No. 9.65 | December 18, 1986 |
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| Formal Appeal | Original No. 9.65 | December 18, 1986 |
| Other Remedies | Original No. 9.66 | December 18, 1986 |
| Definitions, Technical Terms and Abbreviations | Original No. 10.0 | December 18, 1986 |

Interconnected System Districts

Rate Schedules

| | | |
|---|-------------------|-------------------|
| A-1 Residential Service - Urban and Rural | Original No. 11.0 | December 18, 1986 |
| X-1 Residential Experimental Time-of-Day Service | Original No. 11.1 | December 18, 1986 |
| AH-1 Residential Electric Heating Service - Urban and Rural | Original No. 12.0 | December 18, 1986 |
| AH-1 Residential Electric Heating Service - Urban and Rural (Cont'd.) | Original No. 12.1 | December 18, 1986 |
| C-1 General Service | Original No. 13.0 | December 18, 1986 |
| C-1 General Service (Cont'd.) | Original No. 13.1 | December 18, 1986 |
| H-1 Commercial Electric Heating Service | Original No. 14.0 | December 18, 1986 |
| P-1 Light and Power Service | Original No. 15.0 | December 18, 1986 |
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| CG-1 Primary Cogeneration Tariff | Original No. 16.2 | December 18, 1986 |
| CG-1 Primary Cogeneration (Cont'd.) | Original No. 16.3 | December 18, 1986 |

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Issued January 12, 1987 by

Issued under authority of the
Michigan Public Service Commission

Effective for electric service
rendered on and after

E. Argentati
President
Houghton, Michigan

Dated _____

In Case no. _____

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| First Revised Sheet No. 28.0 | April 1, 1997 |
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| <i>Tenth Revised Sheet No. 33.0</i> | <i>June 28, 2006</i> |
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| <i>Second Revised Sheet No. 34.1</i> | <i>June 28, 2006</i> |
| <i>Tenth Revised Sheet No. 35.0</i> | <i>June 28, 2006</i> |
| <i>Third Revised Sheet No. 35.1</i> | <i>June 28, 2006</i> |
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| Original Sheet No. 38.0 | December 21, 2002 |
| First Revised Sheet No. 39.0 | May 1, 1991 |
| <i>Sixth Revised Sheet No. 40.0</i> | <i>June 28, 2006</i> |
| <i>Original Sheet No. 40.1</i> | <i>June 28, 2006</i> |
| <i>Seventh Revised Sheet No. 41.0</i> | <i>June 28, 2006</i> |
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| Original Sheet No. 60.10 | January 1, 2002 |
| Original Sheet No. 60.11 | January 1, 2002 |
| Original Sheet No. 60.12 | January 1, 2002 |
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Issued: **12-23-04**
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

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|---------------------------------------|
| Michigan Public Service Commission |
| January 4, 2005 |
| Filed <u>RL</u> |

Effective Date: See Above

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| Original Sheet No. 60.8 | January 1, 2002 |
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| Original Sheet No. 60.15 | January 1, 2002 |
| Original Sheet No. 60.16 | January 1, 2002 |
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REMOVED BY RL

DATE 1-4-05

Issued: 9-24-04
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

Michigan Public Service
Commission

October 13, 2004

Filed *JF*

Effective Date: See Above

Issued under authority of the
Michigan Public Service Commission
Dated: August 31, 2004

In Case No. U-13553-R

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CANCELLED BY
ORDER U-13553-R

REMOVED BY PJ

DATE 10-13-04

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Issued: 9-24-04
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

Michigan Public Service
Commission

September 28, 2004

Filed JS

Effective Date: See Above

Issued under authority of the
Michigan Public Service Commission
Dated : August 31, 2004

In Case No. U-13904

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Issued: **2-14-04**
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

| |
|---------------------------------------|
| MICHIGAN PUBLIC SERVICE COMMISSION |
| FEB 20 2004 |
| FILED <i>JKB</i> |

Effective Date: See Above

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January 1, 2002

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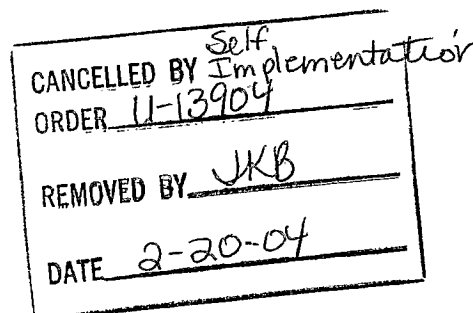
January 1, 2002

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January 1, 2002

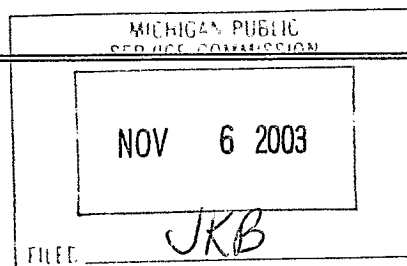
Original Sheet No. 60.17

January 1, 2002



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Issued: 9-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

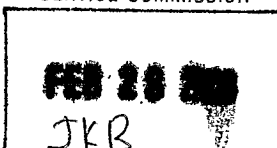


Effective Date: See Above

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Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin

MICHIGAN PUBLIC
SERVICE COMMISSION



Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 12-20-02
In Case No: U-13497

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| <u>Rate Schedules</u> | | |
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| X-1 Residential Experimental Time-of-Day Service | Third Rev. No. 11.1 | January 1, 2002 |
| AH-1 Residential Electric Heating Service Urban and Rural | Eighth Rev. No. 12.0 | January 1, 2002 |
| AH-1 Residential Electric Heating Service Urban and Rural (Cont'd.) | Second Rev. No. 12.1 | January 1, 2002 |
| C-1 General Service | Eighth Rev. No. 13.0 | January 1, 2002 |
| C-1 General Service (Cont'd.) | First Rev. No. 13.1 | September 1988 Billing Cycle |
| H-1 Commercial Electric Heating Service | Eighth Rev. No. 14.0 | January 1, 2002 |
| P-1 Light and Power Service | Eighth Rev. No. 15.0 | January 1, 2002 |
| | Original No. 15.1 | January 1, 2002 |
| WP-1 Large Light and Power | Eighth Rev. No. 16.0 | January 1, 2002 |
| WP-1 Large Light and Power (Cont'd.) | Fourth Rev. No. 16.1 | January 1, 2002 |
| CG-1 Primary Cogeneration Tariff | Original No. 16.2 | December 18, 1986 |
| CG-1 Primary Cogeneration (Cont'd.) | Original No. 16.3 | December 18, 1986 |
| Schedule A | Eighth Rev. No. 16.5 | January 1, 2002 |
| Schedule A | Original 16.5.1 | August 1, 1997 |
| Schedule A | Original 16.5.2 | August 1, 1997 |
| ED-1 Economic Development Rate | Third Rev. No. 16.6 | May 18, 1995 |
| EEIA-1 Energy Efficiency Incentive Rate Alternative | Second Rev. No. 16.7 | May 18, 1995 |
| EEIA-1 Energy Efficiency Incentive Rate Alternative (Cont'd.) | Original No. 16.8 | May 18, 1995 |
| M-1 Municipal Water Pumping | Eighth Rev. No. 17.0 | January 1, 2002 |
| SL-1 Street Lighting Service | Original No. 18.0 | December 18, 1986 |
| SL-2 Street Lighting Service | Fifth Rev. No. 19.0 | January 1, 1994 |
| SL-3 Street Lighting Service | Fifth Rev. No. 20.0 | January 1, 1994 |
| SL-4 Street Lighting Service | Fifth Rev. No. 21.0 | January 1, 1994 |
| SL-5 Street Lighting Service | Fifth Rev. No. 21.5 | January 1, 1994 |
| Continued to Sheet No. 3.5 | | |

Issued: 12-20-01
By W L Bourbonnais —
Manager-Rates & Econ Eval

Green Bay, Wisconsin

ORD# U-13497

REMOVED BY JKB

DATE 2-28-03



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12133 & U-12650

Continued from Sheet No. 3.3
CHECK LIST

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|-----------------------|--|
| Definitions, Technical Terms and Abbreviations | Original No. 10.0 | December 18, 1986 |
| <u>Interconnected System Districts</u> | | |
| <u>Rate Schedules</u> | | |
| A-1 Residential Service - Urban and Rural | Seventh Rev. No. 11.0 | 5/95 Billing Cycle |
| X-1 Residential Experimental Time-of-Day Service | Second Rev. No. 11.1 | Bills issued on & after May 1, 1991 |
| AH-1 Residential Electric Heating Service Urban and Rural | Seventh Rev. No. 12.0 | 5/95 Billing Cycle |
| AH-1 Residential Electric Heating Service Urban and Rural (Cont'd.) | First Rev. No. 12.1 | September 1988 Billing Cycle |
| C-1 General Service | Seventh Rev. No. 13.0 | 5/95 Billing Cycle |
| C-1 General Service (Cont'd.) | First Rev. No. 13.1 | September 1988 Billing Cycle |
| H-1 Commercial Electric Heating Service | Seventh Rev. No. 14.0 | 5/95 Billing Cycle |
| P-1 Light and Power Service | Seventh Rev. No. 15.0 | 5/95 Billing Cycle |
| WP-1 Large Light and Power | Seventh Rev. No. 16.0 | 5/95 Billing Cycle |
| WP-1 Large Light and Power (Cont'd.) | Third Rev. No. 16.1 | May 12, 1993 |
| CG-1 Primary Cogeneration Tariff | Original No. 16.2 | December 18, 1986 |
| CG-1 Primary Cogeneration (Cont'd.) | Original No. 16.3 | December 18, 1986 |
| Schedule A | Seventh Rev. No. 16.5 | August 1, 1997 |
| Schedule A | Original 16.5.1 | August 1, 1997 |
| Schedule A | Original 16.5.2 | August 1, 1997 |
| ED-1 Economic Development Rate | Third Rev. No. 16.6 | May 18, 1995 |
| EEIA-1 Energy Efficiency Incentive Rate Alternative | Second Rev. No. 16.7 | May 18, 1995 |
| EEIA-1 Energy Efficiency Incentive Rate Alternative (Cont'd.) | Original No. 16.8 | May 18, 1995 |
| M-1 Municipal Water Pumping | Seventh Rev. No. 16.8 | 5/95 Billing Cycle |
| SL-1 Street Lighting Service | Original No. 18.0 | December 18, 1986 |
| SL-2 Street Lighting Service | Fifth Rev. No. 19.0 | January 1, 1994 |
| SL-3 Street Lighting Service | Fifth Rev. No. 20.0 | January 1, 1994 |
| SL-4 Street Lighting Service | Fifth Rev. No. 21.0 | January 1, 1994 |
| SL-5 Street Lighting Service | Fifth Rev. No. 21.5 | January 1, 1994 |

Continued to Sheet No. 3.5

Issued January 27, 1998 by

C. Fisher
President
Houghton, Michigan



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Issued under authority of the
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Dated

In Case No.

Continued from Sheet No. 3.3
CHECK LIST

Sheet Number

Definitions, Technical Terms
and Abbreviations

Original No. 10.0

Interconnected System Districts

Rate Schedules

| | | |
|---|-----------------------|-------------------------------------|
| A-1 Residential Service - Urban and Rural | Seventh Rev. No. 11.0 | 5/95 Billing Cycle |
| X-1 Residential Experimental Time-of-Day Service | Second Rev. No. 11.1 | Bills issued on & after May 1, 1991 |
| AH-1 Residential Electric Heating Service Urban and Rural | Seventh Rev. No. 12.0 | 5/95 Billing Cycle |
| AH-1 Residential Electric Heating Service Urban and Rural (Cont'd.) | First Rev. No. 12.1 | September 1988 Billing Cycle |
| C-1 General Service | Seventh Rev. No. 13.0 | 5/95 Billing Cycle |
| C-1 General Service (Cont'd.) | First Rev. No. 13.1 | September 1988 Billing Cycle |
| H-1 Commercial Electric Heating Service | Seventh Rev. No. 14.0 | 5/95 Billing Cycle |
| P-1 Light and Power Service | Seventh Rev. No. 15.0 | 5/95 Billing Cycle |
| WP-1 Large Light and Power | Seventh Rev. No. 16.0 | 5/95 Billing Cycle |
| WP-1 Large Light and Power (Cont'd.) | Third Rev. No. 16.1 | May 12, 1993 |
| CG-1 Primary Cogeneration Tariff | Original No. 16.2 | December 18, 1986 |
| CG-1 Primary Cogeneration (Cont'd.) | Original No. 16.3 | December 18, 1986 |
| Schedule A | Sixth Rev. No. 16.5 | August 1, 1997 |
| Schedule A | Original 16.5.1 | August 1, 1997 |
| Schedule A | Original 16.5.2 | August 1, 1997 |
| ED-1 Economic Development Rate | Third Rev. No. 16.6 | May 18, 1995 |
| EEIA-1 Energy Efficiency Incentive Rate Alternative | Second Rev. No. 16.7 | May 18, 1995 |
| EEIA-1 Energy Efficiency Incentive Rate Alternative (Cont'd.) | Original No. 16.8 | May 18, 1995 |
| M-1 Municipal Water Pumping | Seventh Rev. No. 17.0 | 5/95 Billing Cycle |
| SL-1 Street Lighting Service | Original No. 18.0 | December 18, 1986 |
| SL-2 Street Lighting Service | Fifth Rev. No. 19.0 | January 1, 1994 |
| SL-3 Street Lighting Service | Fifth Rev. No. 20.0 | January 1, 1994 |
| SL-4 Street Lighting Service | Fifth Rev. No. 21.0 | January 1, 1994 |
| SL-5 Street Lighting Service | Fifth Rev. No. 21.5 | January 1, 1994 |

Continued to Sheet No. 3.5

CANCELLED BY
ORDER 411447
Effective Date JUL 31 1997
REMOVED BY
December 18, 1986

Issued December 2, 1997 by

C. Fisher
President
Houghton, Michigan



Effective:

Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case No. _____

Continued from Sheet No. 3.3
CHECK LIST

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|-----------------------|--|
| Definitions, Technical Terms and Abbreviations | Original No. 10.0 | December 18, 1986 |
| <u>Interconnected System Districts</u> | | |
| <u>Rate Schedules</u> | | |
| A-1 Residential Service - Urban and Rural | Seventh Rev. No. 11.0 | 5/95 Billing Cycle |
| X-1 Residential Experimental Time-of-Day Service | Second Rev. No. 11.1 | Bills issued on & after May 1, 1991 |
| AH-1 Residential Electric Heating Service Urban and Rural | Seventh Rev. No. 12.0 | 5/95 Billing Cycle |
| AH-1 Residential Electric Heating Service Urban and Rural (Cont'd.) | First Rev. No. 12.1 | September 1988 Billing Cycle |
| C-1 General Service | Seventh Rev. No. 13.0 | 5/95 Billing Cycle |
| C-1 General Service (Cont'd.) | First Rev. No. 13.1 | September 1988 Billing Cycle |
| H-1 Commercial Electric Heating Service | Seventh Rev. No. 14.0 | 5/95 Billing Cycle |
| P-1 Light and Power Service | Seventh Rev. No. 15.0 | 5/95 Billing Cycle |
| WP-1 Large Light and Power | Seventh Rev. No. 16.0 | 5/95 Billing Cycle |
| WP-1 Large Light and Power (Cont'd.) | Third Rev. No. 16.1 | May 12, 1993 |
| CG-1 Primary Cogeneration Tariff | Original No. 16.2 | December 18, 1986 |
| CG-1 Primary Cogeneration (Cont'd.) | Original No. 16.3 | December 18, 1986 |
| Schedule A | Fifth Rev. No. 16.5 | 5/95 Billing Cycle |
| ED-1 Economic Development Rate | Third Rev. No. 16.6 | May 18, 1995 |
| EEIA-1 Energy Efficiency Incentive Rate Alternative | Second Rev. No. 16.7 | May 18, 1995 |
| EEIA-1 Energy Efficiency Incentive Rate Alternative (Cont'd.) | Original No. 16.8 | May 18, 1995 |
| M-1 Municipal Water Pumping | Seventh Rev. No. 17.0 | 5/95 Billing Cycle |
| SL-1 Street Lighting Service | Original No. 18.0 | December 18, 1986 |
| SL-2 Street Lighting Service | Fifth Rev. No. 19.0 | January 1, 1994 |
| SL-3 Street Lighting Service | Fifth Rev. No. 20.0 | January 1, 1994 |
| SL-4 Street Lighting Service | Fifth Rev. No. 21.0 | January 1, 1994 |
| SL-5 Street Lighting Service | Fifth Rev. No. 21.5 | January 1, 1994 |
| SL-6 Street Lighting Service | Fifth Rev. No. 21.6 | January 1, 1994 |

Continued to Sheet No. 3.5

Issued May 26, 1995 by

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Houghton, Michigan

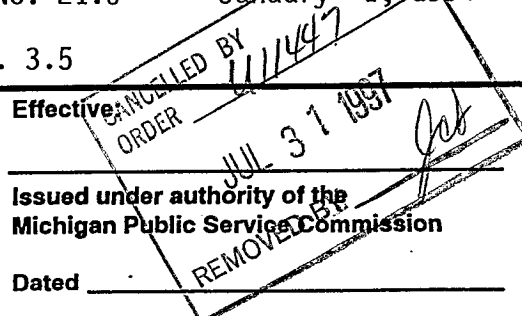


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Dated

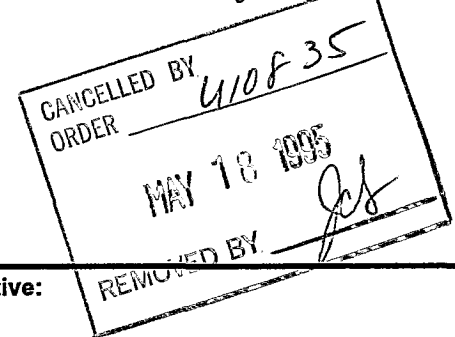
In Case No.



Continued from Sheet No. 3.3
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| | <u>Sheet Number</u> | <u>Effective Date</u> |
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| Definitions, Technical Terms and Abbreviations | Original No. 10.0 | December 18, 1986 |
| <u>Interconnected System Districts</u> | | |
| <u>Rate Schedules</u> | | |
| A-1 Residential Service - Urban and Rural | Seventh Rev. No. 11.0 | 5/95 Billing Cycle |
| X-1 Residential Experimental Time-of-Day Service | Second Rev. No. 11.1 | Bills issued on & after May 1, 1991 |
| AH-1 Residential Electric Heating Service Urban and Rural | Seventh Rev. No. 12.0 | 5/95 Billing Cycle |
| AH-1 Residential Electric Heating Service Urban and Rural (Cont'd.) | First Rev. No. 12.1 | September 1988 Billing Cycle |
| C-1 General Service | Seventh Rev. No. 13.0 | 5/95 Billing Cycle |
| C-1 General Service (Cont'd.) | First Rev. No. 13.1 | September 1988 Billing Cycle |
| H-1 Commercial Electric Heating Service | Seventh Rev. No. 14.0 | 5/95 Billing Cycle |
| P-1 Light and Power Service | Seventh Rev. No. 15.0 | 5/95 Billing Cycle |
| WP-1 Large Light and Power | Seventh Rev. No. 16.0 | 5/95 Billing Cycle |
| WP-1 Large Light and Power (Cont'd.) | Third Rev. No. 16.1 | May 12, 1993 |
| CG-1 Primary Cogeneration Tariff | Original No. 16.2 | December 18, 1986 |
| CG-1 Primary Cogeneration (Cont'd.) | Original No. 16.3 | December 18, 1986 |
| Schedule A | Fifth Rev. No. 16.5 | 5/95 Billing Cycle |
| M-1 Municipal Water Pumping | Seventh Rev. No. 17.0 | 5/95 Billing Cycle |
| SL-1 Street Lighting Service | Original No. 18.0 | December 18, 1986 |
| SL-2 Street Lighting Service | Fifth Rev. No. 19.0 | January 1, 1994 |
| SL-3 Street Lighting Service | Fifth Rev. No. 20.0 | January 1, 1994 |
| SL-4 Street Lighting Service | Fifth Rev. No. 21.0 | January 1, 1994 |
| SL-5 Street Lighting Service | Fifth Rev. No. 21.5 | January 1, 1994 |
| SL-6 Street Lighting Service | Fifth Rev. No. 21.6 | January 1, 1994 |

Continued to Sheet No. 3.5



Issued May 16, 1995 by

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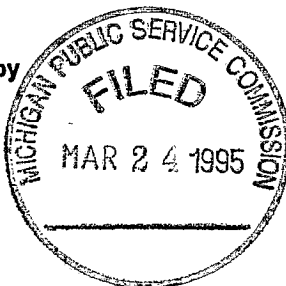
In Case No.

Continued from Sheet No. 3.3
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| | <u>Sheet Number</u> | <u>Effective Date</u> |
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| Definitions, Technical Terms and Abbreviations | Original No. 10.0 | December 18, 1986 |
| <u>Interconnected System Districts</u> | | |
| <u>Rate Schedules</u> | | |
| A-1 Residential Service - Urban and Rural | Sixth Rev. No. 11.0 | 4/95 Billing Cycle |
| X-1 Residential Experimental Time-of-Day Service | Second Rev. No. 11.1 | Bills issued on & after May 1, 1991 |
| AH-1 Residential Electric Heating Service Urban and Rural | Sixth Rev. No. 12.0 | 4/95 Billing Cycle |
| AH-1 Residential Electric Heating Service Urban and Rural (Cont'd.) | First Rev. No. 12.1 | September 1988 Billing Cycle |
| C-1 General Service | Sixth Rev. No. 13.0 | 4/95 Billing Cycle |
| C-1 General Service (Cont'd.) | First Rev. No. 13.1 | September 1988 Billing Cycle |
| H-1 Commercial Electric Heating Service | Sixth Rev. No. 14.0 | 4/95 Billing Cycle |
| P-1 Light and Power Service | Sixth Rev. No. 15.0 | 4/95 Billing Cycle |
| WP-1 Large Light and Power | Sixth Rev. No. 16.0 | 4/95 Billing Cycle |
| WP-1 Large Light and Power (Cont'd.) | Third Rev. No. 16.1 | May 12, 1993 |
| CG-1 Primary Cogeneration Tariff | Original No. 16.2 | December 18, 1986 |
| CG-1 Primary Cogeneration (Cont'd.) | Original No. 16.3 | December 18, 1986 |
| Schedule A | Fourth Rev. No. 16.5 | 4/95 Billing Cycle |
| M-1 Municipal Water Pumping | Sixth Rev. No. 17.0 | 4/95 Billing Cycle |
| SL-1 Street Lighting Service | Original No. 18.0 | December 18, 1986 |
| SL-2 Street Lighting Service | Fifth Rev. No. 19.0 | January 1, 1994 |
| SL-3 Street Lighting Service | Fifth Rev. No. 20.0 | January 1, 1994 |
| SL-4 Street Lighting Service | Fifth Rev. No. 21.0 | January 1, 1994 |
| SL-5 Street Lighting Service | Fifth Rev. No. 21.5 | January 1, 1994 |
| SL-6 Street Lighting Service | Fifth Rev. No. 21.6 | January 1, 1994 |

Continued to Sheet No. 3.5

Issued March 17, 1995 by
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President
Houghton, Michigan

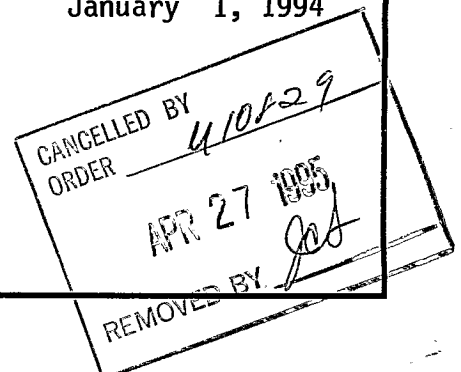


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Michigan Public Service Commission

Dated _____

In Case No. _____



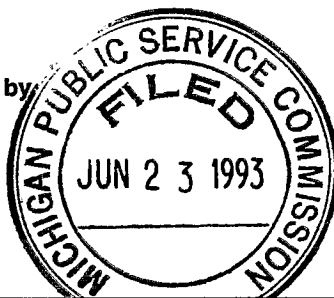
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| | <u>Sheet Number</u> | <u>Effective Date</u> |
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| Definitions, Technical Terms and Abbreviations | Original No. 10.0 | December 18, 1986 |
| <u>Rate Schedules</u> | | |
| <u>Interconnected System Districts</u> | | |
| A-1 Residential Service - Urban and Rural | Fourth Rev. No. 11.0 | May 12, 1993 |
| X-1 Residential Experimental Time-of-Day Service | Second Rev. No. 11.1 | Bills issued on & after May 1, 1991 |
| AH-1 Residential Electric Heating Service Urban and Rural | Fourth Rev. No. 12.0 | May 12, 1993 |
| AH-1 Residential Electric Heating Service Urban and Rural (Cont'd.) | First Rev. No. 12.1 | September 1988 Billing Cycle |
| C-1 General Service | Fourth Rev. No. 13.0 | May 12, 1993 |
| C-1 General Service (Cont'd.) | First Rev. No. 13.1 | September 1988 Billing Cycle |
| H-1 Commercial Electric Heating Service | Fourth Rev. No. 14.0 | May 12, 1993 |
| P-1 Light and Power Service | Fourth Rev. No. 15.0 | May 12, 1993 |
| WP-1 Large Light and Power | Fourth Rev. No. 16.0 | May 12, 1993 |
| WP-1 Large Light and Power (Cont'd.) | Third Rev. No. 16.1 | May 12, 1993 |
| CG-1 Primary Cogeneration Tariff | Original No. 16.2 | December 18, 1986 |
| CG-1 Primary Cogeneration (Cont'd.) | Original No. 16.3 | December 18, 1986 |
| WP-11 Interruptible Service Rate | Original No. 16.5 | December 18, 1986 |
| WP-11 Interruptible Service Rate (Cont'd.) | Original No. 16.6 | December 18, 1986 |
| WP-11 Interruptible Service Rate (Cont'd.) | Original No. 16.7 | December 18, 1986 |
| M-1 Municipal Water Pumping | Fourth Rev. No. 17.0 | May 12, 1993 |
| SL-1 Street Lighting Service | Original No. 18.0 | December 18, 1986 |
| SL-2 Street Lighting Service | Fourth Rev. No. 19.0 | May 12, 1993 |
| SL-3 Street Lighting Service | Fourth Rev. No. 20.0 | May 12, 1993 |
| SL-4 Street Lighting Service | Fourth Rev. No. 21.0 | May 12, 1993 |
| SL-5 Street Lighting Service | Fourth Rev. No. 21.5 | May 12, 1993 |
| SL-6 Street Lighting Service | Fourth Rev. No. 21.6 | May 12, 1993 |

Continued to Sheet No. 3.5

Issued June 1, 1993

C. Fisher
President
Houghton, Michigan

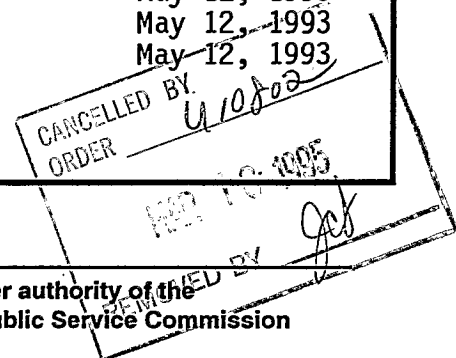


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Michigan Public Service Commission

Dated

In Case No.



Continued from Sheet No. 3.3
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| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|-----------------------------------|--|
| Denial of Service; Insufficient Cause | Original No. 9.70 through 9.71 | Bills issued on & after May 1, 1991 |
| Discounts and Delayed Payments | Original No. 9.71 | Bills issued on & after May 1, 1991 |
| Delivery and Payment of Bills | Original No. 9.71 | Bills issued on & after May 1, 1991 |
| Definitions, Technical Terms and Abbreviations | Original No. 10.0 | December 18, 1986 |
| <u>Interconnected System Districts</u> | | |
| <u>Rate Schedules</u> | | |
| A-1 Residential Service - Urban and Rural | Third Rev. No. 11.0 | Bills issued on & after Jan 1, 1992 |
| X-1 Residential Experimental Time-of-Day Service | Second Rev. No. 11.1 | Bills issued on & after May 1, 1991 |
| AH-1 Residential Electric Heating Service Urban and Rural | Third Rev. No. 12.0 | Bills issued on & after Jan 1, 1992 |
| AH-1 Residential Electric Heating Service Urban and Rural (Cont'd.) | First Rev. No. 12.1 | September 1988 Billing Cycle |
| C-1 General Service | Third Rev. No. 13.0 | Bills issued on & after Jan 1, 1992 |
| C-1 General Service (Cont'd.) | First Rev. No. 13.1 | September 1988 Billing Cycle |
| H-1 Commercial Electric Heating Service | Third Rev. No. 14.0 | Bills issued on & after Jan 1, 1992 |
| P-1 Light and Power Service | Third Rev. No. 15.0 | Bills issued on & after Jan 1, 1992 |
| WP-1 Large Light and Power | Third Rev. No. 16.0 | Bills issued on & after Jan 1, 1992 |
| WP-1 Large Light and Power (Cont'd.) | Second Rev. No. 16.1 | Bills issued on & after May 1, 1991 |

Continued to Sheet No. 3.5

Issued January 3, 1992 by

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Houghton, Michigan



Effective:

Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case No. _____

CANCELLED BY
ORDER

MAY 11 1993

REMOVED BY

Continued from Sheet No. 3.3
CHECK LIST

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|-----------------------------------|--|
| Denial of Service; Insufficient Cause | Original No. 9.70 through 9.71 | Bills issued on & after May 1, 1991 |
| Discounts and Delayed Payments | Original No. 9.71 | Bills issued on & after May 1, 1991 |
| Delivery and Payment of Bills | Original No. 9.71 | Bills issued on & after May 1, 1991 |
| Definitions, Technical Terms and Abbreviations | Original No. 10.0 | December 18, 1986 |

Interconnected System Districts

Rate Schedules

| | | |
|---|----------------------|--|
| A-1 Residential Service - Urban and Rural | Second Rev. No. 11.0 | Bills issued on & after May 1, 1991 |
| X-1 Residential Experimental Time-of-Day Service | Second Rev. No. 11.1 | Bills issued on & after May 1, 1991 |
| AH-1 Residential Electric Heating Service Urban and Rural | Second Rev. No. 12.0 | Bills issued on & after May 1, 1991 |
| AH-1 Residential Electric Heating Service Urban and Rural (Cont'd.) | First Rev. No. 12.1 | September 1988 Billing Cycle |
| C-1 General Service | Second Rev. No. 13.0 | Bills issued on & after May 1, 1991 |
| C-1 General Service (Cont'd.) | First Rev. No. 13.1 | September 1988 Billing Cycle |
| H-1 Commercial Electric Heating Service | Second Rev. No. 14.0 | Bills issued on & after May 1, 1991 |
| P-1 Light and Power Service | Second Rev. No. 15.0 | Bills issued on & after May 1, 1991 |
| WP-1 Large Light and Power | Second Rev. No. 16.0 | Bills issued on & after May 1, 1991 |
| WP-1 Large Light and Power (Cont'd.) | Second Rev. No. 16.1 | Bills issued on & after May 1, 1991 |

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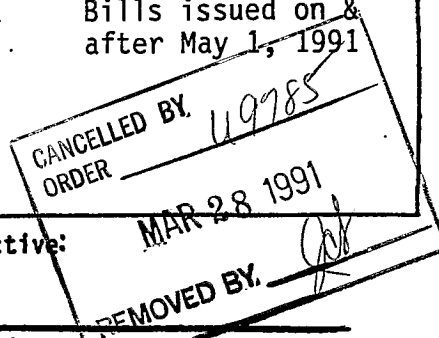
Issued _____ by

E. Argentati
President
Houghton, Michigan



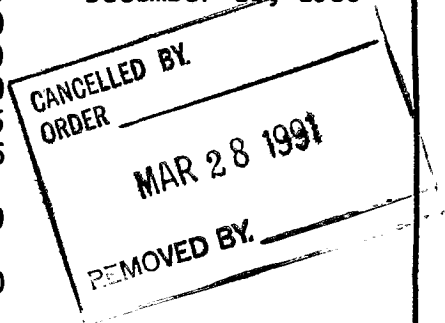
Effective:

Issued under authority of the
Michigan Public Service Commission
Dated _____
In Case No. _____



Continued from Sheet No. 3.3
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| | <u>Sheet Number</u> | <u>Effective Date</u> |
|--|---------------------|-----------------------|
| WP-11 Interruptible Service Rate | Original No. 16.5 | December 18, 1986 |
| WP-11 Interruptible Service Rate (Cont'd.) | Original No. 16.6 | December 18, 1986 |
| WP-11 Interruptible Service Rate (Cont'd.) | Original No. 16.7 | December 18, 1986 |
| M-1 Muncipal Water Pumping | First Rev. No. 17.0 | |
| SL-1 Street Lighting Service | Original No. 18.0 | December 18, 1986 |
| SL-2 Street Lighting Service | First Rev. No. 19.0 | |
| SL-3 Street Lighting Service | First Rev. No. 20.0 | |
| SL-4 Street Lighting Service | First Rev. No. 21.0 | |
| SL-5 Street Lighting Service | First Rev. No. 21.5 | |
| SL-6 Street Lighting Service | First Rev. No. 21.6 | |
| Special Ishpeming Street Lighting Rate | First Rev. No. 21.9 | |
| Z-1 Dusk to Dawn Outdoor Security Lighting | First Rev. No. 22.0 | |
| W-1 Off-Peak Water Heating Service | First Rev. No. 23.0 | |
| Power Supply Cost Recovery | Original No. 25.0 | December 18, 1986 |
| Power Supply Cost Recovery (cont'd.) | Original No. 25.1 | December 18, 1986 |
| TV Pole Contact Rental Rate | Original No. 28.0 | December 18, 1986 |



Iron River District

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|---------------------|-----------------------|
| A-2 Residential Service - Urban and Rural | Original No. 30.0 | December 18, 1986 |
| AH-2 Residential Electric Heating Service - Urban and Rural | Original No. 31.0 | December 18, 1986 |
| AH-2 Residential Electric Heating Service - Urban and Rural (cont'd.) | Original No. 31.1 | December 18, 1986 |
| C-2 General Service | Original No. 32.0 | December 18, 1986 |
| C-2 General Service (Cont'd.) | Original No. 32.1 | December 18, 1986 |
| H-2 Commercial Electric Heating Service | Original No. 33.0 | December 18, 1986 |
| P-2 Light and Power Service | Original No. 34.0 | December 18, 1986 |
| WP-2 Large Light and Power | Original No. 35.0 | December 18, 1986 |

Continued to Sheet No. 3.5

Issued September 2, 1988 by

E. Argentati
President
Houghton, Michigan

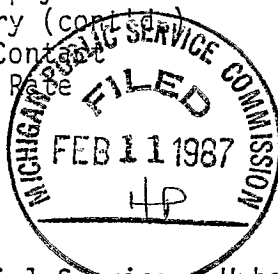


Effective with the
September 1988 billing cycle

Issued under authority of the
Michigan Public Service Commission
Dated August 23, 1988
In Case No. U-9127

Continued from Sheet No. 3.3
CHECK LIST

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|--|---------------------|-----------------------|
| WP-11 Interruptible Service Rate | Original No. 16.5 | December 18, 1986 |
| WP-11 Interruptible Service Rate (Cont'd.) | Original No. 16.6 | December 18, 1986 |
| WP-11 Interruptible Service Rate (Cont'd.) | Original No. 16.7 | December 18, 1986 |
| M-1 Municipal Water Pumping | Original No. 17.0 | December 18, 1986 |
| SL-1 Street Lighting Service | Original No. 18.0 | December 18, 1986 |
| SL-2 Street Lighting Service | Original No. 19.0 | December 18, 1986 |
| SL-3 Street Lighting Service | Original No. 20.0 | December 18, 1986 |
| SL-4 Street Lighting Service | Original No. 21.0 | December 18, 1986 |
| SL-5 Street Lighting Service | Original No. 21.5 | December 18, 1986 |
| SL-6 Street Lighting Service | Original No. 21.6 | December 18, 1986 |
| Special Ishpeming Street Lighting Rate | Original No. 21.9 | December 18, 1986 |
| Z-1 Dusk to Dawn Outdoor Security Lighting | Original No. 22.0 | December 18, 1986 |
| W-1 Off-Peak Water Heating Service | Original No. 23.0 | December 18, 1986 |
| Power Supply Cost Recovery | Original No. 25.0 | December 18, 1986 |
| Power Supply Cost Recovery (cont'd.) | Original No. 25.1 | December 18, 1986 |
| TV Pole Contactor Rental Rate | Original No. 28.0 | December 18, 1986 |



Iron River District

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|---------------------|-----------------------|
| A-2 Residential Service - Urban and Rural | Original No. 30.0 | December 18, 1986 |
| AH-2 Residential Electric Heating Service - Urban and Rural | Original No. 31.0 | December 18, 1986 |
| AH-2 Residential Electric Heating Service - Urban and Rural (cont'd.) | Original No. 31.1 | December 18, 1986 |
| C-2 General Service | Original No. 32.0 | December 18, 1986 |
| C-2 General Service (Cont'd.) | Original No. 32.1 | December 18, 1986 |
| H-2 Commercial Electric Heating Service | Original No. 33.0 | December 18, 1986 |
| P-2 Light and Power Service | Original No. 34.0 | December 18, 1986 |
| WP-2 Large Light and Power | Original No. 35.0 | December 18, 1986 |

Continued to Sheet No. 3.5

Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case no. _____

Effective for electric service
rendered on and after

REMOVED BY _____

AUG 23 1988

CANCELLED BY ORDER

Continued from Sheet No. 3.4

TABLE OF CONTENTS – CHECK LIST

| <u>Sheet No.</u> | <u>Effective Date</u> |
|--------------------------|-----------------------|
| Original Sheet No. 60.18 | January 1, 2002 |
| Original Sheet No. 60.19 | January 1, 2002 |
| Original Sheet No. 60.20 | January 1, 2002 |
| Original Sheet No. 60.21 | January 1, 2002 |
| Original Sheet No. 60.22 | January 1, 2002 |
| Original Sheet No. 60.23 | January 1, 2002 |
| Original Sheet No. 60.24 | January 1, 2002 |
| Original Sheet No. 60.25 | January 1, 2002 |
| Original Sheet No. 60.26 | January 1, 2002 |
| Original Sheet No. 60.27 | January 1, 2002 |
| Original Sheet No. 61.0 | December 21, 2002 |
| Original Sheet No. 61.1 | December 21, 2002 |

Continued to Sheet No. 3.6

Issued: **9-1-03**
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

| |
|---------------------------------------|
| MICHIGAN PUBLIC SERVICE COMMISSION |
| NOV 6 2003 |
| FILED <u>JKB</u> |

Effective Date: See Above

Continued from Sheet No. 3.4
Interconnected System Districts

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|----------------------------|-----------------------|
| M-1 Municipal Water Pumping | Ninth Rev. No. 17.0 | December 21, 2002 |
| SL-1 Street Lighting Service | Original No. 18.0 | December 18, 1986 |
| SL-2 Street Lighting Service | Sixth Rev. No. 19.0 | December 21, 2002 |
| SL-3 Street Lighting Service | Sixth Rev. No. 20.0 | December 21, 2002 |
| SL-4 Street Lighting Service | Sixth Rev. No. 21.0 | December 21, 2002 |
| SL-5 Street Lighting Service | Sixth Rev. No. 21.5 | December 21, 2002 |
| SL-6 Street Lighting Service | Sixth Rev. No. 21.6 | December 21, 2002 |
| Z-1 Dusk To Dawn Outdoor Security Lighting | Seventh Rev. No. 22.0 | December 21, 2002 |
| (Con't) | Third Rev. No. 22.1 | December 21, 2002 |
| W-1 Cancelled | Eighth Rev. No. 23.0 | December 21, 2002 |
| Power Supply Cost Recovery | Thirteenth Rev. No. 25.0 | January 1, 2003 |
| Power Supply Cost Recovery (Cont'd.) | Twenty Ninth Rev. No. 25.1 | January 1, 2003 |
| E Emergency Service | First Rev. No. 26.0 | December 21, 2002 |
| PSDS Power Supply Default Service | Original No. 27.0 | January 1, 2002 |
| TV Pole Contact Rental Rate | First Revised 28.0 | April 1, 1997 |

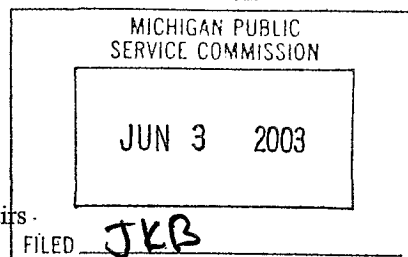
Iron River District

| | | |
|--|----------------------|-------------------|
| A-2 Residential Service - Urban and Rural | Eighth Rev. No. 30.0 | December 21, 2002 |
| AH-2 Residential Electric Heating Service - Urban and Rural | Eighth Rev. No. 31.0 | December 21, 2002 |
| AH-2 Residential Electric Heating (Cont'd.) | Second Rev. No. 31.1 | December 21, 2002 |
| C-2 General Service | Eighth Rev. No. 32.0 | December 21, 2002 |
| C-2 General Service (Cont'd.) | First Rev. No. 32.1 | December 21, 2002 |
| H-2 Commercial Electric Heating Service | Eighth Rev. No. 33.0 | December 21, 2002 |
| P-2 Light and Power Service | Eighth Rev. No. 34.0 | December 21, 2002 |
| | First Rev. No. 34.1 | December 21, 2002 |
| WP-2 Large Light and Power | Eighth Rev. No. 35.0 | December 21, 2002 |
| WP-2 (Cont'd.) | Second Rev. No. 35.1 | December 21, 2002 |
| M-2 Municipal Water Pumping | Eighth Rev. No. 36.0 | December 21, 2002 |
| SL-7 Street Lighting Service | Fifth Rev. No. 37.0 | December 21, 2002 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |

CANCELLED BY
ORDER U-6300
REMOVED BY JKB
DATE 11/6/03

Issued: May 1, 2003

By: J. F. Schott
Ass't Vice President - Regulatory Affairs
Houghton, Michigan



Effective: January 1, 2003

Issued under authority of the
Michigan Public Service Commission
Dated: April 17, 2003

In Case No. U-13553

Continued from Sheet No. 3.4
Interconnected System Districts

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|-----------------------------|-----------------------|
| M-1 Municipal Water Pumping | Ninth Rev. No. 17.0 | December 21, 2002 |
| SL-1 Street Lighting Service | Original No. 18.0 | December 18, 1986 |
| SL-2 Street Lighting Service | Sixth Rev. No. 19.0 | December 21, 2002 |
| SL-3 Street Lighting Service | Sixth Rev. No. 20.0 | December 21, 2002 |
| SL-4 Street Lighting Service | Sixth Rev. No. 21.0 | December 21, 2002 |
| SL-5 Street Lighting Service | Sixth Rev. No. 21.5 | December 21, 2002 |
| SL-6 Street Lighting Service | Sixth Rev. No. 21.6 | December 21, 2002 |
| Z-1 Dusk To Dawn Outdoor Security Lighting | Seventh Rev. No. 22.0 | December 21, 2002 |
| (Cont'd) | Third Rev. No. 22.1 | December 21, 2002 |
| W-1 Cancelled | Eighth Rev. No. 23.0 | December 21, 2002 |
| Power Supply Cost Recovery | Twelfth Rev. No. 25.0 | January 1, 2003 |
| Power Supply Cost Recovery (Cont'd.) | Twenty Eighth Rev. No. 25.1 | February 1, 2003 |
| E Emergency Service | First Rev. No. 26.0 | December 21, 2002 |
| | | |
| PSDS Power Supply Default Service | Original No. 27.0 | January 1, 2002 |
| | | |
| TV Pole Contact Rental Rate | First Revised 28.0 | April 1, 1997 |

Iron River District

| | | |
|--|----------------------|-------------------|
| A-2 Residential Service - Urban and Rural | Eighth Rev. No. 30.0 | December 21, 2002 |
| AH-2 Residential Electric Heating Service - Urban and Rural | Eighth Rev. No. 31.0 | December 21, 2002 |
| AH-2 Residential Electric Heating (Cont'd.) | Second Rev. No. 31.1 | December 21, 2002 |
| C-2 General Service | Eighth Rev. No. 32.0 | December 21, 2002 |
| C-2 General Service (Cont'd.) | First Rev. No. 32.1 | December 21, 2002 |
| H-2 Commercial Electric Heating Service | Eighth Rev. No. 33.0 | December 21, 2002 |
| P-2 Light and Power Service | Eighth Rev. No. 34.0 | December 21, 2002 |
| | First Rev. No. 34.1 | December 21, 2002 |
| WP-2 Large Light and Power | Eighth Rev. No. 35.0 | December 21, 2002 |
| WP-2 (Cont'd.) | Second Rev. No. 35.1 | December 21, 2002 |
| M-2 Municipal Water Pumping | Eighth Rev. No. 36.0 | December 21, 2002 |
| SL-7 Street Lighting Service | Fifth Rev. No. 37.0 | December 21, 2002 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |

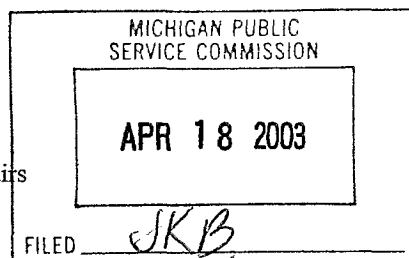
CANCELLED BY
ORDER U-6300

REMOVED BY JKB

DATE 6/3/03

Issued: February 14, 2003

By: J. F. Schott
Ass't Vice President - Regulatory Affairs
Houghton, Michigan



Effective: February 1, 2003

Issued under authority of the
Michigan Public Service Commission
Dated: February 10, 2003

In Case No. U-13104-R

Continued from Sheet No. 3.4
Interconnected System Districts

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|------------------------------|-----------------------|
| M-1 Municipal Water Pumping | Ninth Rev. No. 17.0 | December 21, 2002 |
| SL-1 Street Lighting Service | Original No. 18.0 | December 18, 1986 |
| SL-2 Street Lighting Service | Sixth Rev. No. 19.0 | December 21, 2002 |
| SL-3 Street Lighting Service | Sixth Rev. No. 20.0 | December 21, 2002 |
| SL-4 Street Lighting Service | Sixth Rev. No. 21.0 | December 21, 2002 |
| SL-5 Street Lighting Service | Sixth Rev. No. 21.5 | December 21, 2002 |
| SL-6 Street Lighting Service | Sixth Rev. No. 21.6 | December 21, 2002 |
| Z-1 Dusk To Dawn Outdoor Security Lighting | Seventh Rev. No. 22.0 | December 21, 2002 |
| (Cont'd) | Third Rev. No. 22.1 | December 21, 2002 |
| W-1 Cancelled | Eighth Rev. No. 23.0 | December 21, 2002 |
| Power Supply Cost Recovery | Twelfth Rev. No. 25.0 | January 1, 2003 |
| Power Supply Cost Recovery (Cont'd.) | Twenty Seventh Rev. No. 25.1 | January 1, 2003 |
| E Emergency Service | First Rev. No. 26.0 | December 21, 2002 |
| PSDS Power Supply Default Service | Original No. 27.0 | January 1, 2002 |
| TV Pole Contact Rental Rate | First Revised 28.0 | April 1, 1997 |

Iron River District

| | | |
|--|----------------------|-------------------|
| A-2 Residential Service - Urban and Rural | Eighth Rev. No. 30.0 | December 21, 2002 |
| AH-2 Residential Electric Heating Service - Urban and Rural | Eighth Rev. No. 31.0 | December 21, 2002 |
| AH-2 Residential Electric Heating (Cont'd.) | Second Rev. No. 31.1 | December 21, 2002 |
| C-2 General Service | Eighth Rev. No. 32.0 | December 21, 2002 |
| C-2 General Service (Cont'd.) | First Rev. No. 32.1 | December 21, 2002 |
| H-2 Commercial Electric Heating Service | Eighth Rev. No. 33.0 | December 21, 2002 |
| P-2 Light and Power Service | Eighth Rev. No. 34.0 | December 21, 2002 |
| | First Rev. No. 34.1 | December 21, 2002 |
| WP-2 Large Light and Power | Eighth Rev. No. 35.0 | December 21, 2002 |
| WP-2 (Cont'd.) | Second Rev. No. 35.1 | December 21, 2002 |
| M-2 Municipal Water Pumping | Eighth Rev. No. 36.0 | December 21, 2002 |
| SL-7 Street Lighting Service | Fifth Rev. No. 37.0 | December 21, 2002 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |

CANCELLED BY

ORDER Self-imp U-1304-R

REMOVED BY JKB

DATE 4-18-03

MICHIGAN PUBLIC
SERVICE COMMISSION

APR 18 2003

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Issued: February 14, 2003

By: J. F. Schott
Ass't Vice President - Regulatory Affairs
Houghton, Michigan

Effective: January 1, 2003

Issued under authority of the
Michigan Public Service Commission
Dated: February 10, 2003

In Case No. U-13553

CHECK LIST

Interconnected System Districts

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|----------------------------|-----------------------|
| M-1 Municipal Water Pumping | Ninth Rev. No. 17.0 | December 21, 2002 |
| SL-1 Street Lighting Service | Original No. 18.0 | December 18, 1986 |
| SL-2 Street Lighting Service | Sixth Rev. No. 19.0 | December 21, 2002 |
| SL-3 Street Lighting Service | Sixth Rev. No. 20.0 | December 21, 2002 |
| SL-4 Street Lighting Service | Sixth Rev. No. 21.0 | December 21, 2002 |
| SL-5 Street Lighting Service | Sixth Rev. No. 21.5 | December 21, 2002 |
| SL-6 Street Lighting Service | Sixth Rev. No. 21.6 | December 21, 2002 |
| Z-1 Dusk To Dawn Outdoor Security Lighting | Seventh Rev. No. 22.0 | December 21, 2002 |
| (Cont'd) | Third Rev. No. 22.1 | December 21, 2002 |
| W-1 Cancelled | Eighth Rev. No. 23.0 | December 21, 2002 |
| Power Supply Cost Recovery | Eleventh Rev. No. 25.0 | January 1, 2002 |
| Power Supply Cost Recovery (Cont'd) | Twenty Sixth Rev. No. 25.1 | November 1, 2002 |
| E Emergency Service | First Rev. No. 26.0 | December 21, 2002 |
| PSDS Power Supply Default Service | Original No. 27.0 | January 1, 2002 |
| TV Pole Contact | | |
| Rental Rate | First Revised 28.0 | April 1, 1997 |

Iron River District

| | | |
|--|----------------------|-------------------|
| A-2 Residential Service - Urban and Rural | Eighth Rev. No. 30.0 | December 21, 2002 |
| AH-2 Residential Electric Heating Service - Urban and Rural | Eighth Rev. No. 31.0 | December 21, 2002 |
| AH-2 Residential Electric Heating (Cont'd.) | Second Rev. No. 31.1 | December 21, 2002 |
| C-2 General Service | Eighth Rev. No. 32.0 | December 21, 2002 |
| C-2 General Service (Cont'd.) | First Rev. No. 32.1 | December 21, 2002 |
| H-2 Commercial Electric Heating Service | Eighth Rev. No. 33.0 | December 21, 2002 |
| P-2 Light and Power Service | Eighth Rev. No. 34.0 | December 21, 2002 |
| | First Rev. No. 34.1 | December 21, 2002 |
| WP-2 Large Light and Power | Eighth Rev. No. 35.0 | December 21, 2002 |
| WP-2 (Cont'd.) | Second Rev. No. 35.1 | December 21, 2002 |
| M-2 Municipal Water Pumping | Eighth Rev. No. 36.0 | December 21, 2002 |
| SL-7 Street Lighting Service | Fifth Rev. No. 37.0 | December 21, 2002 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |

CANCELLED BY
ORDER Self-imp U-13553

REMOVED BY JKB

DATE 4-18-03

Issued: 12-20-02

By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan

MICHIGAN PUBLIC
SERVICE COMMISSION

FEB 28 2003

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Effective for service
On and After: 12-21-02
Issued under authority of the
Michigan Public Service Commission
Dated 12-20-02
In Case No. U-13497

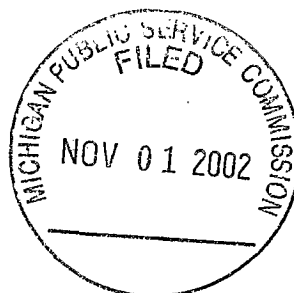
Continued from Sheet No. 3.4
Interconnected System Districts

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|----------------------------|-------------------------------------|
| SL-6 Street Lighting Service | Fifth Rev. No. 21.6 | January 1, 1994 |
| Special Ishpeming Street Lighting Rate | Fifth Rev. No. 21.9 | January 1, 1994 |
| Z-1 Dusk to Dawn Outdoor Security Lighting | Sixth Rev. No. 22.0 | January 25, 1995 |
| Z-3 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 22.1 | January 1, 1994 |
| W-1 Off-Peak Water Heating Service | Seventh Rev. No. 23.0 | January 1, 2002 |
| Power Supply Cost Recovery | Eleventh Rev. No. 25.0 | January 1, 2002 |
| Power Supply Cost Recovery (Cont'd.) | Twenty Sixth Rev. No. 25.1 | November 1, 2002 |
| Rate "E" - Emergency Service to Industrial Facilities Who Do Not Purchase Firm Power from Company | Original No. 26.0 | May 12, 1993 |
| Integrated Power Supply Default Service | Original No. 27.0 | January 1, 2002 |
| | Original No. 27.1 | January 1, 2002 |
| TV Pole Contact Rental Rate | First Revised 28.0 | April 1, 1997 |
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| A-2 Residential Service - Urban and Rural | Seventh Rev. No. 30.0 | January 1, 2002 |
| AH-2 Residential Electric Heating Service - Urban and Rural | Seventh Rev. No. 31.0 | January 1, 2002 |
| AH-2 Residential Electric Heating Service - Urban and Rural (Cont'd.) | First Rev. No. 31.1 | January 1, 2002 |
| C-2 General Service | Seventh Rev. No. 32.0 | January 1, 2002 |
| C-2 General Service (Cont'd.) | Original No. 32.1 | December 18, 1986 |
| H-2 Commercial Electric Heating Service | Seventh Rev. No. 33.0 | January 1, 2002 |
| P-2 Light and Power Service | Seventh Rev. No. 34.0 | January 1, 2002 |
| | Original Sheet 34.1 | January 1, 2002 |
| WP-2 Large Light and Power | Seventh Rev. No. 35.0 | January 1, 2002 |
| WP-2 Large Light and Power (Cont'd.) | First Rev. No. 35.1 | Bills issued on & after May 1, 1991 |
| M-2 Municipal Water Pumping | Seventh Rev. No. 36.0 | January 1, 2002 |
| SL-7 Street Lighting Service | Fourth Rev. No. 37.0 | January 1, 1994 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |

Continued to Sheet No. 3.6

Issued: November 1, 2002

By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



Effective: November 1, 2002

Issued under authority of the
Michigan Public Service Commission
Dated November 1, 2002

In Case No. U-13104

Continued from Sheet No. 3.4
Interconnected System Districts

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|--|----------------------------|-----------------------|
| SL-6 Street Lighting Service | Fifth Rev. No. 21.6 | January 1, 1994 |
| Special Ishpeming Street Lighting Rate | Fifth Rev. No. 21.9 | January 1, 1994 |
| Z-1 Dusk to Dawn Outdoor Security Lighting | Sixth Rev. No. 22.0 | January 25, 1995 |
| Z-3 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 22.1 | January 1, 1994 |
| W-1 Off-Peak Water Heating Service | Seventh Rev. No. 23.0 | January 1, 2002 |
| Power Supply Cost Recovery | Eleventh Rev. No. 25.0 | January 1, 2002 |
| Power Supply Cost Recovery (Cont'd.) | Twenty Fifth Rev. No. 25.1 | February 1, 2002 |
| Rate "E" - Emergency Service to Industrial Facilities Who Do Not Purchase Firm Power from Company | Original No. 26.0 | May 12, 1993 |
| Integrated Power Supply Default Service | Original No. 27.0 | January 1, 2002 |
| | Original No. 27.1 | January 1, 2002 |
| TV Pole Contact Rental Rate | First Revised 28.0 | April 1, 1997 |

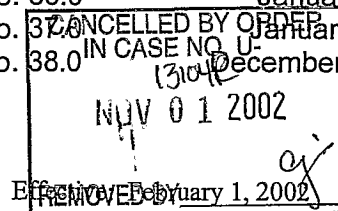
Iron River District

| | | |
|--|-----------------------|--|
| A-2 Residential Service - Urban and Rural | Seventh Rev. No. 30.0 | January 1, 2002 |
| AH-2 Residential Electric Heating Service - Urban and Rural | Seventh Rev. No. 31.0 | January 1, 2002 |
| AH-2 Residential Electric Heating Service - Urban and Rural (Cont'd.) | First Rev. No. 31.1 | January 1, 2002 |
| C-2 General Service | Seventh Rev. No. 32.0 | January 1, 2002 |
| C-2 General Service (Cont'd.) | Original No. 32.1 | December 18, 1986 |
| H-2 Commercial Electric Heating Service | Seventh Rev. No. 33.0 | January 1, 2002 |
| P-2 Light and Power Service | Seventh Rev. No. 34.0 | January 1, 2002 |
| | Original Sheet 34.1 | January 1, 2002 |
| WP-2 Large Light and Power | Seventh Rev. No. 35.0 | January 1, 2002 |
| WP-2 Large Light and Power (Cont'd.) | First Rev. No. 35.1 | Bills issued on & after May 1, 1991 |
| M-2 Municipal Water Pumping | Seventh Rev. No. 36.0 | January 1, 2002 |
| SL-7 Street Lighting Service | Fourth Rev. No. 37.0 | January 1, 1994 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |

Continued to Sheet No. 3.6

Issued: August 27, 2002

By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



Issued under authority of the
Michigan Public Service Commission
Dated August 20, 2002

In Case No. U-12604-R

Continued from Sheet No. 3.4
Interconnected System Districts

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|-----------------------------|-----------------------|
| SL-6 Street Lighting Service | Fifth Rev. No. 21.6 | January 1, 1994 |
| Special Ishpeming Street Lighting Rate | Fifth Rev. No. 21.9 | January 1, 1994 |
| Z-1 Dusk to Dawn Outdoor Security Lighting | Sixth Rev. No. 22.0 | January 25, 1995 |
| Z-3 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 22.1 | January 1, 1994 |
| W-1 Off-Peak Water Heating Service | Seventh Rev. No. 23.0 | January 1, 2002 |
| Power Supply Cost Recovery | Eleventh Rev. No. 25.0 | January 1, 2002 |
| Power Supply Cost Recovery (Cont'd.) | Twenty Fourth Rev. No. 25.1 | May 1, 2002 |
| Rate "E" - Emergency Service to Industrial Facilities Who Do Not Purchase Firm Power from Company | Original No. 26.0 | May 12, 1993 |
| Integrated Power Supply Default Service | Original No. 27.0 | January 1, 2002 |
| | Original No. 27.1 | January 1, 2002 |
| TV Pole Contact Rental Rate | First Revised 28.0 | April 1, 1997 |

Iron River District

| | | |
|---|-----------------------|-------------------------------------|
| A-2 Residential Service - Urban and Rural | Seventh Rev. No. 30.0 | January 1, 2002 |
| AH-2 Residential Electric Heating Service - Urban and Rural | Seventh Rev. No. 31.0 | January 1, 2002 |
| AH-2 Residential Electric Heating Service - Urban and Rural (Cont'd.) | First Rev. No. 31.1 | January 1, 2002 |
| C-2 General Service | Seventh Rev. No. 32.0 | January 1, 2002 |
| C-2 General Service (Cont'd.) | Original No. 32.1 | December 18, 1986 |
| H-2 Commercial Electric Heating Service | Seventh Rev. No. 33.0 | January 1, 2002 |
| P-2 Light and Power Service | Seventh Rev. No. 34.0 | January 1, 2002 |
| | Original Sheet 34.1 | January 1, 2002 |
| WP-2 Large Light and Power | Seventh Rev. No. 35.0 | January 1, 2002 |
| WP-2 Large Light and Power (Cont'd.) | First Rev. No. 35.1 | Bills issued on & after May 1, 1991 |
| M-2 Municipal Water Pumping | Seventh Rev. No. 36.0 | January 1, 2002 |
| SL-7 Street Lighting Service | Fourth Rev. No. 37.0 | January 1, 1994 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |

Continued to Sheet No. 3.6

Issued: May 6, 2002

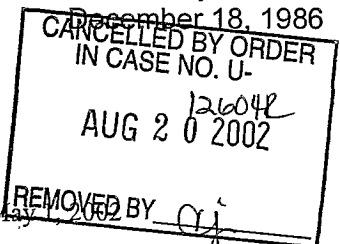
By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



Effective: May 1, 2002

Issued under authority of the
Michigan Public Service Commission
Dated April 16, 2002

In Case No. U-12126-R



Continued from Sheet No. 3.4
Interconnected System Districts

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|--|-----------------------------------|------------------------|
| SL-6 Street Lighting Service | Fifth Rev. No. 21.6 | January 1, 1994 |
| Special Ishpeming Street Lighting Rate | Fifth Rev. No. 21.9 | January 1, 1994 |
| Z-1 Dusk to Dawn Outdoor Security Lighting | Sixth Rev. No. 22.0 | January 25, 1995 |
| Z-3 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 22.1 | January 1, 1994 |
| W-1 Off-Peak Water Heating Service | Seventh Rev. No. 23.0 | January 1, 2002 |
| Power Supply Cost Recovery | <i>Eleventh Rev. No. 25.0</i> | <i>January 1, 2002</i> |
| Power Supply Cost Recovery (Cont'd.) | <i>Twenty Third Rev. No. 25.1</i> | <i>January 1, 2002</i> |
| Rate "E" - Emergency Service to Industrial Facilities Who Do Not Purchase Firm Power from Company | Original No. 26.0 | May 12, 1993 |
| Integrated Power Supply Default Service | Original No. 27.0 | January 1, 2002 |
| | Original No. 27.1 | January 1, 2002 |
| TV Pole Contact Rental Rate | First Revised 28.0 | April 1, 1997 |

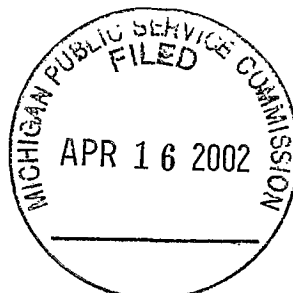
Iron River District

| | | |
|--|-----------------------|--|
| A-2 Residential Service - Urban and Rural | Seventh Rev. No. 30.0 | January 1, 2002 |
| AH-2 Residential Electric Heating Service - Urban and Rural | Seventh Rev. No. 31.0 | January 1, 2002 |
| AH-2 Residential Electric Heating Service - Urban and Rural (Cont'd.) | First Rev. No. 31.1 | January 1, 2002 |
| C-2 General Service | Seventh Rev. No. 32.0 | January 1, 2002 |
| C-2 General Service (Cont'd.) | Original No. 32.1 | December 18, 1986 |
| H-2 Commercial Electric Heating Service | Seventh Rev. No. 33.0 | January 1, 2002 |
| P-2 Light and Power Service | Seventh Rev. No. 34.0 | January 1, 2002 |
| | Original Sheet 34.1 | January 1, 2002 |
| WP-2 Large Light and Power | Seventh Rev. No. 35.0 | January 1, 2002 |
| WP-2 Large Light and Power (Cont'd.) | First Rev. No. 35.1 | Bills issued on & after May 1, 1991 |
| M-2 Municipal Water Pumping | Seventh Rev. No. 36.0 | January 1, 2002 |
| SL-7 Street Lighting Service | Fourth Rev. No. 37.0 | January 1, 1994 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |

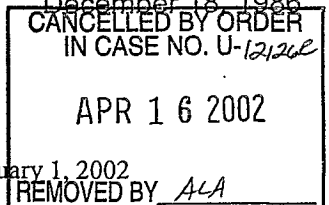
Continued to Sheet No. 3.6

Issued: April 10, 2002

By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



Effective: January 1, 2002



Issued under authority of the
Michigan Public Service Commission
Dated March 29, 2002

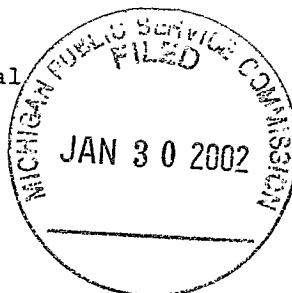
In Case No. U-13104

| Interconnected System Districts | | |
|---|-----------------------------|-------------------------------------|
| Continued from Sheet No. 3.4 | | |
| | Sheet Number | Effective Date |
| SL-6 Street Lighting Service | Fifth Rev. No. 21.6 | January 1, 1994 |
| Special Ishpeming Street Lighting Rate | Fifth Rev. No. 21.9 | January 1, 1994 |
| Z-1 Dusk to Dawn Outdoor Security Lighting | Sixth Rev. No. 22.0 | January 25, 1995 |
| Z-3 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 22.1 | January 1, 1994 |
| W-1 Off-Peak Water Heating Service | Seventh Rev. No. 23.0 | January 1, 2002 |
| Power Supply Cost Recovery | Tenth Rev. No. 25.0 | January 1, 2001 |
| Power Supply Cost Recovery (Cont'd.) | Twenty Second Rev. No. 25.1 | January 1, 2001 |
| Rate "E" - Emergency Service to Industrial Facilities Who Do Not Purchase Firm Power from Company | Original No. 26.0 | May 12, 1993 |
| Integrated Power Supply Default Service | Original No. 27.0 | January 1, 2002 |
| | Original No. 27.1 | January 1, 2002 |
| TV Pole Contact Rental Rate | First Revised 28.0 | April 1, 1997 |
| <u>Iron River District</u> | | |
| A-2 Residential Service - Urban and Rural | Seventh Rev. No. 30.0 | January 1, 2002 |
| AH-2 Residential Electric Heating Service - Urban and Rural | Seventh Rev. No. 31.0 | January 1, 2002 |
| AH-2 Residential Electric Heating Service-Urban and Rural(Cont'd.) | First Rev. No. 31.1 | January 1, 2002 |
| C-2 General Service | Seventh Rev. No. 32.0 | January 1, 2002 |
| C-2 General Service (Cont'd.) | Original No. 32.1 | December 18, 1986 |
| H-2 Commercial Electric Heating Service | Seventh Rev. No. 33.0 | January 1, 2002 |
| P-2 Light and Power Service | Seventh Rev. No. 34.0 | January 1, 2002 |
| | Original No. 34.1 | January 1, 2002 |
| WP-2 Large Light and Power | Seventh Rev. No. 35.0 | January 1, 2002 |
| WP-2 Large Light and Power (Cont'd.) | First Rev. No. 35.1 | Bills issued on & after May 1, 1991 |
| M-2 Municipal Water Pumping | Seventh Rev. No. 36.0 | January 1, 2002 |
| SL-7 Street Lighting Service | Fourth Rev. No. 37.0 | January 1, 1994 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |
| Continued to Sheet No. 3.6 | | |

CANCELLED BY ORDER
IN CASE NO. U-13104
MAR 29 2002

REMOVED BY *gj*

Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12133 & U-12650

Continued from Sheet No. 3.4
Interconnected System Districts

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|-----------------------------|-----------------------|
| SL-6 Street Lighting Service | Fifth Rev. No. 21.6 | January 1, 1994 |
| Special Ishpeming Street Lighting Rate | Fifth Rev. No. 21.9 | January 1, 1994 |
| Z-1 Dusk to Dawn Outdoor Security Lighting | Sixth Rev. No. 22.0 | January 25, 1995 |
| Z-3 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 22.1 | January 1, 1994 |
| W-1 Off-Peak Water Heating Service | Sixth Rev. No. 23.0 | 5/95 Billing Cycle |
| Power Supply Cost Recovery | Tenth Rev. No. 25.0 | January 1, 2001 |
| Power Supply Cost Recovery (Cont'd.) | Twenty Second Rev. No. 25.1 | January 1, 2001 |
| Rate "E" - Emergency Service to Industrial Facilities Who Do Not Purchase Firm Power from Company | Original No. 26.0 | May 12, 1993 |
| TV Pole Contact Rental Rate | First Revised 28.0 | April 1, 1997 |

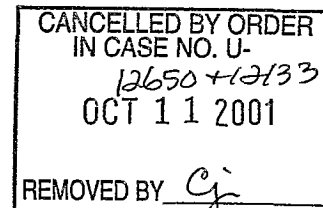
Iron River District

| | | |
|---|----------------------|-------------------------------------|
| A-2 Residential Service - Urban and Rural | Sixth Rev. No. 30.0 | 5/95 Billing Cycle |
| AH-2 Residential Electric Heating Service - Urban and Rural | Sixth Rev. No. 31.0 | 5/95 Billing Cycle |
| AH-2 Residential Electric Heating Service - Urban and Rural (Cont'd.) | Original No. 31.1 | December 18, 1986 |
| C-2 General Service | Sixth Rev. No. 32.0 | 5/95 Billing Cycle |
| C-2 General Service (Cont'd.) | Original No. 32.1 | December 18, 1986 |
| H-2 Commercial Electric Heating Service | Sixth Rev. No. 33.0 | 5/95 Billing Cycle |
| P-2 Light and Power Service | Sixth Rev. No. 34.0 | 5/95 Billing Cycle |
| WP-2 Large Light and Power | Sixth Rev. No. 35.0 | 5/95 Billing Cycle |
| WP-2 Large Light and Power (Cont'd.) | First Rev. No. 35.1 | Bills issued on & after May 1, 1991 |
| M-2 Municipal Water Pumping | Sixth Rev. No. 36.0 | 5/95 Billing Cycle |
| SL-7 Street Lighting Service | Fourth Rev. No. 37.0 | January 1, 1994 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |

Continued to Sheet No. 3.6

Issued: November 5, 2001

By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



Effective: November 1, 2001

Issued under authority of the
Michigan Public Service Commission
Dated October 29, 2001

In Case No. U-12604

Continued from Sheet No. 3.4
Interconnected System Districts

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|-------------------------|-----------------------|
| SL-6 Street Lighting Service | Fifth Rev. No. 21.6 | January 1, 1994 |
| Special Ishpeming Street Lighting Rate | Fifth Rev. No. 21.9 | January 1, 1994 |
| Z-1 Dusk to Dawn Outdoor Security Lighting | Sixth Rev. No. 22.0 | January 25, 1995 |
| Z-3 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 22.1 | January 1, 1994 |
| W-1 Off-Peak Water Heating Service | Sixth Rev. No. 23.0 | 5/95 Billing Cycle |
| Power Supply Cost Recovery | Ninth Rev. No. 25.0 | January 1, 2001 |
| Power Supply Cost Recovery (Cont'd.) | Twentieth Rev. No. 25.1 | January 1, 2001 |
| Rate "E" - Emergency Service to Industrial Facilities Who Do Not Purchase Firm Power from Company | Original No. 26.0 | May 12, 1993 |
| TV Pole Contact Rental Rate | First Revised 28.0 | April 1, 1997 |

Iron River District

| | | |
|---|----------------------|-------------------------------------|
| A-2 Residential Service - Urban and Rural | Sixth Rev. No. 30.0 | 5/95 Billing Cycle |
| AH-2 Residential Electric Heating Service - Urban and Rural | Sixth Rev. No. 31.0 | 5/95 Billing Cycle |
| AH-2 Residential Electric Heating Service - Urban and Rural (Cont'd.) | Original No. 31.1 | December 18, 1986 |
| C-2 General Service | Sixth Rev. No. 32.0 | 5/95 Billing Cycle |
| C-2 General Service (Cont'd.) | Original No. 32.1 | December 18, 1986 |
| H-2 Commercial Electric Heating Service | Sixth Rev. No. 33.0 | 5/95 Billing Cycle |
| P-2 Light and Power Service | Sixth Rev. No. 34.0 | 5/95 Billing Cycle |
| WP-2 Large Light and Power | Sixth Rev. No. 35.0 | 5/95 Billing Cycle |
| WP-2 Large Light and Power (Cont'd.) | First Rev. No. 35.1 | Bills issued on & after May 1, 1991 |
| M-2 Municipal Water Pumping | Sixth Rev. No. 36.0 | 5/95 Billing Cycle |
| SL-7 Street Lighting Service | Fourth Rev. No. 37.0 | January 1, 1994 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |

Continued to Sheet No. 3.6

Issued: October 24, 2001

By: W.L. Bourbonnais
Manager-Rates & Econ Eval.
Houghton, Michigan



Effective: January 1, 2001

Issued under authority of the
Michigan Public Service Commission
1982 PA 304 Sec 6j(9)
and for Implementing

In Case No. U-12604

CANCELLED BY ORDER
IN CASE NO. U-12604
OCT 29 2001

REMOVED BY *ef*

Continued from Sheet No. 3.4
Interconnected System Districts

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|--|---------------------------------|------------------------|
| SL-6 Street Lighting Service | Fifth Rev. No. 21.6 | January 1, 1994 |
| Special Ishpeming Street Lighting Rate | Fifth Rev. No. 21.9 | January 1, 1994 |
| Z-1 Dusk to Dawn Outdoor Security Lighting | Sixth Rev. No. 22.0 | January 25, 1995 |
| Z-3 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 22.1 | January 1, 1994 |
| W-1 Off-Peak Water Heating Service | Sixth Rev. No. 23.0 | 5/95 Billing Cycle |
| Power Supply Cost Recovery | <i>Eighth Rev. No. 25.0</i> | <i>January 1, 2000</i> |
| Power Supply Cost Recovery (Cont'd.) | <i>Nineteenth Rev. No. 25.1</i> | <i>January 1, 2000</i> |
| Rate "E" - Emergency Service to Industrial Facilities Who Do Not Purchase Firm Power from Company | Original No. 26.0 | May 12, 1993 |
| TV Pole Contact Rental Rate | First Revised 28.0 | April 1, 1997 |

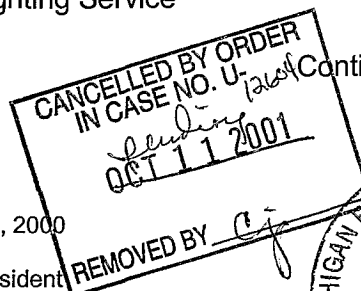
Iron River District

| | | |
|--|----------------------|--|
| A-2 Residential Service - Urban and Rural | Sixth Rev. No. 30.0 | 5/95 Billing Cycle |
| AH-2 Residential Electric Heating Service - Urban and Rural | Sixth Rev. No. 31.0 | 5/95 Billing Cycle |
| AH-2 Residential Electric Heating Service - Urban and Rural (Cont'd.) | Original No. 31.1 | December 18, 1986 |
| C-2 General Service | Sixth Rev. No. 32.0 | 5/95 Billing Cycle |
| C-2 General Service (Cont'd.) | Original No. 32.1 | December 18, 1986 |
| H-2 Commercial Electric Heating Service | Sixth Rev. No. 33.0 | 5/95 Billing Cycle |
| P-2 Light and Power Service | Sixth Rev. No. 34.0 | 5/95 Billing Cycle |
| WP-2 Large Light and Power | Sixth Rev. No. 35.0 | 5/95 Billing Cycle |
| WP-2 Large Light and Power (Cont'd.) | First Rev. No. 35.1 | Bills issued on & after May 1, 1991 |
| M-2 Municipal Water Pumping | Sixth Rev. No. 36.0 | 5/95 Billing Cycle |
| SL-7 Street Lighting Service | Fourth Rev. No. 37.0 | January 1, 1994 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |

Continued to Sheet No. 3.6

Issued: January 1, 2000

By: C. Fisher, President
Houghton, Michigan



Effective: January 1, 2000

Issued under authority of the
Michigan Public Service Commission
Dated February 20, 2000

In Case No. U-12126

Continued from Sheet No. 3.4
Interconnected System Districts

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|--|---------------------------|-----------------------|
| SL-6 Street Lighting Service | Fifth Rev. No. 21.6 | January 1, 1994 |
| Special Ishpeming Street Lighting Rate | Fifth Rev. No. 21.9 | January 1, 1994 |
| Z-1 Dusk to Dawn Outdoor Security Lighting | Sixth Rev. No. 22.0 | January 25, 1995 |
| Z-3 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 22.1 | January 1, 1994 |
| W-1 Off-Peak Water Heating Service | Sixth Rev. No. 23.0 | 5/95 Billing Cycle |
| Power Supply Cost Recovery | Seventh Rev. No. 25.0 | January 1, 1999 |
| Power Supply Cost Recovery (Cont'd.) | Seventeenth Rev. No. 25.1 | January 1, 1999 |
| Rate "E" - Emergency Service to Industrial Facilities Who Do Not Purchase Firm Power from Company | Original No. 26.0 | May 12, 1993 |
| TV Pole Contact Rental Rate | First Revised 28.0 | April 1, 1997 |

Iron River District

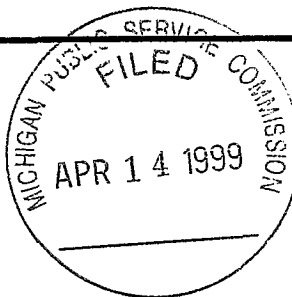
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|--|----------------------|--|
| A-2 Residential Service - Urban and Rural | Sixth Rev. No. 30.0 | 5/95 Billing Cycle |
| AH-2 Residential Electric Heating Service - Urban and Rural | Sixth Rev. No. 31.0 | 5/95 Billing Cycle |
| AH-2 Residential Electric Heating Service - Urban and Rural (Cont'd.) | Original No. 31.1 | December 18, 1986 |
| C-2 General Service | Sixth Rev. No. 32.0 | 5/95 Billing Cycle |
| C-2 General Service (Cont'd.) | Original No. 32.1 | December 18, 1986 |
| H-2 Commercial Electric Heating Service | Sixth Rev. No. 33.0 | 5/95 Billing Cycle |
| P-2 Light and Power Service | Sixth Rev. No. 34.0 | 5/95 Billing Cycle |
| WP-2 Large Light and Power | Sixth Rev. No. 35.0 | 5/95 Billing Cycle |
| WP-2 Large Light and Power (Cont'd.) | First Rev. No. 35.1 | Bills issued on & after May 1, 1991 |
| M-2 Municipal Water Pumping | Sixth Rev. No. 36.0 | 5/95 Billing Cycle |
| SL-7 Street Lighting Service | Fourth Rev. No. 37.0 | January 1, 1994 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |

Continued to Sheet No. 3.6

CANCELLED BY ORDER
IN CASE NO. U-
12476
FEB 20 2000

Issued January 1, 1999 by

C. Fisher
President
Houghton, Michigan



Effective: REMOVED BY 08

Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case No. _____

Continued from Sheet No. 3.4
Interconnected System Districts

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|-------------------------|-----------------------|
| SL-6 Street Lighting Service | Fifth Rev. No. 21.6 | January 1, 1994 |
| Special Ishpeming Street Lighting Rate | Fifth Rev. No. 21.9 | January 1, 1994 |
| Z-1 Dusk to Dawn Outdoor Security Lighting | Sixth Rev. No. 22.0 | January 25, 1995 |
| Z-3 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 22.1 | January 1, 1994 |
| W-1 Off-Peak Water Heating Service | Sixth Rev. No. 23.0 | 5/95 Billing Cycle |
| Power Supply Cost Recovery | Sixth Rev. No. 25.0 | January 1, 1998 |
| Power Supply Cost Recovery (Cont'd.) | Sixteenth Rev. No. 25.1 | January 1, 1998 |
| Rate "E" - Emergency Service to Industrial Facilities Who Do Not Purchase Firm Power from Company | Original No. 26.0 | May 12, 1993 |
| TV Pole Contact Rental Rate | First Revised 26.0 | April 1, 1997 |

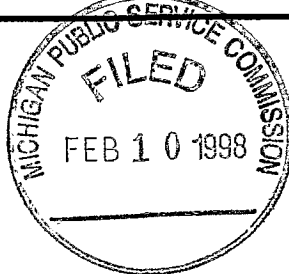
Iron River District

| | | |
|---|----------------------|-------------------------------------|
| A-2 Residential Service - Urban and Rural | Sixth Rev. No. 30.0 | 5/95 Billing Cycle |
| AH-2 Residential Electric Heating Service - Urban and Rural | Sixth Rev. No. 31.0 | 5/95 Billing Cycle |
| AH-2 Residential Electric Heating Service - Urban and Rural (Cont'd.) | Original No. 31.1 | December 18, 1986 |
| C-2 General Service | Sixth Rev. No. 32.0 | 5/95 Billing Cycle |
| C-2 General Service (Cont'd.) | Original No. 32.1 | December 18, 1986 |
| H-2 Commercial Electric Heating Service | Sixth Rev. No. 33.0 | 5/95 Billing Cycle |
| P-2 Light and Power Service | Sixth Rev. No. 34.0 | 5/95 Billing Cycle |
| WP-2 Large Light and Power | Sixth Rev. No. 35.0 | 5/95 Billing Cycle |
| WP-2 Large Light and Power (Cont'd.) | First Rev. No. 35.1 | Bills issued on & after May 1, 1991 |
| M-2 Municipal Water Pumping | Sixth Rev. No. 36.0 | 5/95 Billing Cycle |
| SL-7 Street Lighting Service | Fourth Rev. No. 37.0 | January 1, 1994 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |

Continued to Sheet No. 3.6

Issued January 1, 1998 by

C. Fisher
President
Houghton, Michigan



Effective:

Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case No. _____

Continued from Sheet No. 3.4
Interconnected System Districts

| | Sheet Number | Effective Date |
|---|-------------------------|--------------------|
| SL-6 Street Lighting Service | Fifth Rev. No. 21.6 | January 1, 1994 |
| Special Ishpeming Street Lighting Rate | Fifth Rev. No. 21.9 | January 1, 1994 |
| Z-1 Dusk to Dawn Outdoor Security Lighting | Sixth Rev. No. 22.0 | January 25, 1995 |
| Z-3 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 22.1 | January 1, 1994 |
| W-1 Off-Peak Water Heating Service | Sixth Rev. No. 23.0 | 5/95 Billing Cycle |
| Power Supply Cost Recovery | Fifth Rev. No. 25.0 | January 1, 1997 |
| Power Supply Cost Recovery (Cont'd.) | Fifteenth Rev. No. 25.1 | January 1, 1997 |
| Rate "E" - Emergency Service to Industrial Facilities Who Do Not Purchase Firm Power from Company | Original No. 26.0 | May 12, 1993 |
| TV Pole Contact Rental Rate | First Revised 28.0 | April 1, 1997 |

Iron River District

| | | |
|---|----------------------|-------------------------------------|
| A-2 Residential Service - Urban and Rural | Sixth Rev. No. 30.0 | 5/95 Billing Cycle |
| AH-2 Residential Electric Heating Service - Urban and Rural | Sixth Rev. No. 31.0 | 5/95 Billing Cycle |
| AH-2 Residential Electric Heating Service - Urban and Rural (Cont'd.) | Original No. 31.1 | December 18, 1986 |
| C-2 General Service | Sixth Rev. No. 32.0 | 5/95 Billing Cycle |
| C-2 General Service (Cont'd.) | Original No. 32.1 | December 18, 1986 |
| H-2 Commercial Electric Heating Service | Sixth Rev. No. 33.0 | 5/95 Billing Cycle |
| P-2 Light and Power Service | Sixth Rev. No. 34.0 | 5/95 Billing Cycle |
| WP-2 Large Light and Power | Sixth Rev. No. 35.0 | 5/95 Billing Cycle |
| WP-2 Large Light and Power (Cont'd.) | First Rev. No. 35.1 | Bills issued on & after May 1, 1991 |
| M-2 Municipal Water Pumping | Sixth Rev. No. 36.0 | 5/95 Billing Cycle |
| SL-7 Street Lighting Service | Fourth Rev. No. 37.0 | January 1, 1994 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |

Continued to Sheet No. 3.6

CANCELLED BY
ORDER 611447
JUL 31 1997
REMOVED BY J/S

Issued December 2, 1997 by

C. Fisher
President
Houghton, Michigan



Effective:

Issued under authority of the
Michigan Public Service Commission

Dated

In Case No.

Continued from Sheet No. 3.4
Interconnected System Districts

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|-------------------------|-----------------------|
| Special Ishpeming Street Lighting Rate | Fifth Rev. No. 21.9 | January 1, 1994 |
| Z-1 Dusk to Dawn Outdoor Security Lighting | Sixth Rev. No. 22.0 | January 25, 1995 |
| Z-3 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 22.1 | January 1, 1994 |
| W-1 Off-Peak Water Heating Service | Sixth Rev. No. 23.0 | 5/95 Billing Cycle |
| Power Supply Cost Recovery | Fifth Rev. No. 25.0 | January 1, 1997 |
| Power Supply Cost Recovery (Cont'd.) | Fifteenth Rev. No. 25.1 | January 1, 1997 |
| Rate "E" - Emergency Service to Industrial Facilities Who Do Not Purchase Firm Power from Company | Original No. 26.0 | May 12, 1993 |
| TV Pole Contact Rental Rate | First Revised 28.0 | April 1, 1997 |

Iron River District

| | | |
|---|----------------------|-------------------------------------|
| A-2 Residential Service - Urban and Rural | Sixth Rev. No. 30.0 | 5/95 Billing Cycle |
| AH-2 Residential Electric Heating Service - Urban and Rural | Sixth Rev. No. 31.0 | 5/95 Billing Cycle |
| AH-2 Residential Electric Heating Service - Urban and Rural (Cont'd.) | Original No. 31.1 | December 18, 1986 |
| C-2 General Service | Sixth Rev. No. 32.0 | 5/95 Billing Cycle |
| C-2 General Service (Cont'd.) | Original No. 32.1 | December 18, 1986 |
| H-2 Commercial Electric Heating Service | Sixth Rev. No. 33.0 | 5/95 Billing Cycle |
| P-2 Light and Power Service | Sixth Rev. No. 34.0 | 5/95 Billing Cycle |
| WP-2 Large Light and Power | Sixth Rev. No. 35.0 | 5/95 Billing Cycle |
| WP-2 Large Light and Power (Cont'd.) | First Rev. No. 35.1 | Bills issued on & after May 1, 1991 |
| M-2 Municipal Water Pumping | Sixth Rev. No. 36.0 | 5/95 Billing Cycle |
| SL-7 Street Lighting Service | Fourth Rev. No. 37.0 | January 1, 1994 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |

Continued to Sheet No. 3.6

Issued March 5, 1997 by

C. Fisher
President
Houghton, Michigan

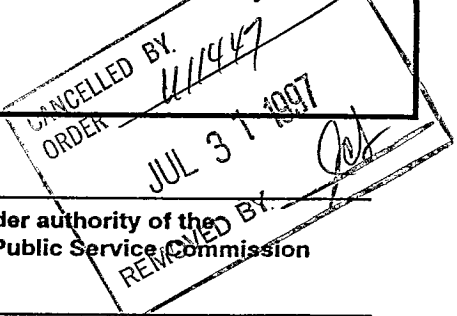


Effective:

Issued under authority of the
Michigan Public Service Commission

Dated

In Case No.



Continued from Sheet No. 3.4
Interconnected System Districts

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|-------------------------|-----------------------|
| Special Ishpeming Street Lighting Rate | Fifth Rev. No. 21.9 | January 1, 1994 |
| Z-1 Dusk to Dawn Outdoor Security Lighting | Sixth Rev. No. 22.0 | January 25, 1995 |
| Z-3 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 22.1 | January 1, 1994 |
| W-1 Off-Peak Water Heating Service | Sixth Rev. No. 23.0 | 5/95 Billing Cycle |
| Power Supply Cost Recovery | Fifth Rev. No. 25.0 | January 1, 1997 |
| Power Supply Cost Recovery (Cont'd.) | Fifteenth Rev. No. 25.1 | January 1, 1997 |
| Rate "E" - Emergency Service to Industrial Facilities Who Do Not Purchase Firm Power from Company | Original No. 26.0 | May 12, 1993 |
| TV Pole Contact Rental Rate | Original No. 28.0 | December 18, 1986 |

Iron River District

| | | |
|---|----------------------|-------------------------------------|
| A-2 Residential Service - Urban and Rural | Sixth Rev. No. 30.0 | 5/95 Billing Cycle |
| AH-2 Residential Electric Heating Service - Urban and Rural | Sixth Rev. No. 31.0 | 5/95 Billing Cycle |
| AH-2 Residential Electric Heating Service - Urban and Rural (Cont'd.) | Original No. 31.1 | December 18, 1986 |
| C-2 General Service | Sixth Rev. No. 32.0 | 5/95 Billing Cycle |
| C-2 General Service (Cont'd.) | Original No. 32.1 | December 18, 1986 |
| H-2 Commercial Electric Heating Service | Sixth Rev. No. 33.0 | 5/95 Billing Cycle |
| P-2 Light and Power Service | Sixth Rev. No. 34.0 | 5/95 Billing Cycle |
| WP-2 Large Light and Power | Sixth Rev. No. 35.0 | 5/95 Billing Cycle |
| WP-2 Large Light and Power (Cont'd.) | First Rev. No. 35.1 | Bills issued on & after May 1, 1991 |
| M-2 Municipal Water Pumping | Sixth Rev. No. 36.0 | 5/95 Billing Cycle |
| SL-7 Street Lighting Service | Fourth Rev. No. 37.0 | January 1, 1994 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |

Continued to Sheet No. 3.6

CANCELLED BY
ORDER 410741, 410816
410831

Effective:

FEB 11 1991

Issued January 1, 1997 by

C. Fisher
President
Houghton, Michigan



Issued under authority of the
Michigan Public Service Commission

Dated

In Case No.

Continued from Sheet No. 3.4
Interconnected System Districts

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|--------------------------|-----------------------|
| Special Ishpeming Street Lighting Rate | Fifth Rev. No. 21.9 | January 1, 1994 |
| Z-1 Dusk to Dawn Outdoor Security Lighting | Sixth Rev. No. 22.0 | January 25, 1995 |
| Z-3 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 22.1 | January 1, 1994 |
| W-1 Off-Peak Water Heating Service | Sixth Rev. No. 23.0 | 5/95 Billing Cycle |
| Power Supply Cost Recovery | Fourth Rev. No. 25.0 | January 1, 1996 |
| Power Supply Cost Recovery (Cont'd.) | Fourteenth Rev. No. 25.1 | September 1, 1996 |
| Rate "E" - Emergency Service to Industrial Facilities Who Do Not Purchase Firm Power from Company | Original No. 26.0 | May 12, 1993 |
| TV Pole Contact Rental Rate | Original No. 28.0 | December 18, 1986 |

Iron River District

| | | |
|---|----------------------|-------------------------------------|
| A-2 Residential Service - Urban and Rural | Sixth Rev. No. 30.0 | 5/95 Billing Cycle |
| AH-2 Residential Electric Heating Service - Urban and Rural | Sixth Rev. No. 31.0 | 5/95 Billing Cycle |
| AH-2 Residential Electric Heating Service - Urban and Rural (Cont'd.) | Original No. 31.1 | December 18, 1986 |
| C-2 General Service | Sixth Rev. No. 32.0 | 5/95 Billing Cycle |
| C-2 General Service (Cont'd.) | Original No. 32.1 | December 18, 1986 |
| H-2 Commercial Electric Heating Service | Sixth Rev. No. 33.0 | 5/95 Billing Cycle |
| P-2 Light and Power Service | Sixth Rev. No. 34.0 | 5/95 Billing Cycle |
| WP-2 Large Light and Power | Sixth Rev. No. 35.0 | 5/95 Billing Cycle |
| WP-2 Large Light and Power (Cont'd.) | First Rev. No. 35.1 | Bills issued on & after May 1, 1991 |
| M-2 Municipal Water Pumping | Sixth Rev. No. 36.0 | 5/95 Billing Cycle |
| SL-7 Street Lighting Service | Fourth Rev. No. 37.0 | January 1, 1994 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |

Continued to Sheet No. 3.6

Issued August 15, 1996 by

C. Fisher
President
Houghton, Michigan

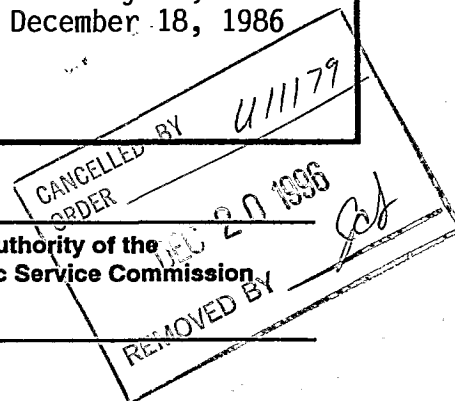


Effective:

Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case No. _____



Continued from Sheet No. 3.4
Interconnected System Districts

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|--------------------------|-----------------------|
| Special Ishpeming Street Lighting Rate | Fifth Rev. No. 21.9 | January 1, 1994 |
| Z-1 Dusk to Dawn Outdoor Security Lighting | Sixth Rev. No. 22.0 | January 25, 1995 |
| Z-3 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 22.1 | January 1, 1994 |
| W-1 Off-Peak Water Heating Service | Sixth Rev. No. 23.0 | 5/95 Billing Cycle |
| Power Supply Cost Recovery | Fourth Rev. No. 25.0 | January 1, 1996 |
| Power Supply Cost Recovery (Cont'd.) | Thirteenth Rev. No. 25.1 | January 1, 1996 |
| Rate "E" - Emergency Service to Industrial Facilities Who Do Not Purchase Firm Power from Company | Original No. 26.0 | May 12, 1993 |
| TV Pole Contact Rental Rate | Original No. 28.0 | December 18, 1986 |

Iron River District

| | | |
|---|----------------------|-------------------------------------|
| A-2 Residential Service - Urban and Rural | Sixth Rev. No. 30.0 | 5/95 Billing Cycle |
| AH-2 Residential Electric Heating Service - Urban and Rural | Sixth Rev. No. 31.0 | 5/95 Billing Cycle |
| AH-2 Residential Electric Heating Service - Urban and Rural (Cont'd.) | Original No. 31.1 | December 18, 1986 |
| C-2 General Service | Sixth Rev. No. 32.0 | 5/95 Billing Cycle |
| C-2 General Service (Cont'd.) | Original No. 32.1 | December 18, 1986 |
| H-2 Commercial Electric Heating Service | Sixth Rev. No. 33.0 | 5/95 Billing Cycle |
| P-2 Light and Power Service | Sixth Rev. No. 34.0 | 5/95 Billing Cycle |
| WP-2 Large Light and Power | Sixth Rev. No. 35.0 | 5/95 Billing Cycle |
| WP-2 Large Light and Power (Cont'd.) | First Rev. No. 35.1 | Bills issued on & after May 1, 1991 |
| M-2 Municipal Water Pumping | Sixth Rev. No. 36.0 | 5/95 Billing Cycle |
| SL-7 Street Lighting Service | Fourth Rev. No. 37.0 | January 1, 1994 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |

Continued to Sheet No. 3.6

Issued March 1, 1996 by

C. Fisher
President
Houghton, Michigan



Effective:

Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case No. _____

CANCELLED BY
ORDER

410969
FEB 22 1996

REMOVED BY

Continued from Sheet No. 3.4
Interconnected System Districts

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|-----------------------|-----------------------|
| Special Ishpeming Street Lighting Rate | Fifth Rev. No. 21.9 | January 1, 1994 |
| Z-1 Dusk to Dawn Outdoor Security Lighting | Sixth Rev. No. 22.0 | January 25, 1995 |
| Z-3 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 22.1 | January 1, 1994 |
| W-1 Off-Peak Water Heating Service | Sixth Rev. No. 23.0 | 5/95 Billing Cycle |
| Power Supply Cost Recovery | Third Rev. No. 25.0 | January 1, 1995 |
| Power Supply Cost Recovery (Cont'd.) | Twelfth Rev. No. 25.1 | January 1, 1995 |
| Rate "E" - Emergency Service to Industrial Facilities Who Do Not Purchase Firm Power from Company | Original No. 26.0 | May 12, 1993 |
| TV Pole Contact Rental Rate | Original No. 28.0 | December 18, 1986 |

Iron River District

| | | |
|---|----------------------|-------------------------------------|
| A-2 Residential Service - Urban and Rural | Sixth Rev. No. 30.0 | 5/95 Billing Cycle |
| AH-2 Residential Electric Heating Service - Urban and Rural | Sixth Rev. No. 31.0 | 5/95 Billing Cycle |
| AH-2 Residential Electric Heating Service - Urban and Rural (Cont'd.) | Original No. 31.1 | December 18, 1986 |
| C-2 General Service | Sixth Rev. No. 32.0 | 5/95 Billing Cycle |
| C-2 General Service (Cont'd.) | Original No. 32.1 | December 18, 1986 |
| H-2 Commercial Electric Heating Service | Sixth Rev. No. 33.0 | 5/95 Billing Cycle |
| P-2 Light and Power Service | Sixth Rev. No. 34.0 | 5/95 Billing Cycle |
| WP-2 Large Light and Power | Sixth Rev. No. 35.0 | 5/95 Billing Cycle |
| WP-2 Large Light and Power (Cont'd.) | First Rev. No. 35.1 | Bills issued on & after May 1, 1991 |
| M-2 Municipal Water Pumping | Sixth Rev. No. 36.0 | 5/95 Billing Cycle |
| SL-7 Street Lighting Service | Fourth Rev. No. 37.0 | January 1, 1994 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |

Continued to Sheet No. 3.6

Issued May 16, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

Issued under authority of the
Michigan Public Service Commission

Dated

In Case No.

REMOVED BY
110969
FEB 22 1995
JCH

Continued from Sheet No. 3.4
Interconnected System Districts

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|-----------------------|-----------------------|
| Special Ishpeming Street Lighting Rate | Fifth Rev. No. 21.9 | January 1, 1994 |
| Z-1 Dusk to Dawn Outdoor Security Lighting | Sixth Rev. No. 22.0 | January 25, 1995 |
| Z-3 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 22.1 | January 1, 1994 |
| W-1 Off-Peak Water Heating Service | Fifth Rev. No. 23.0 | January 1, 1994 |
| Power Supply Cost Recovery | Third Rev. No. 25.0 | January 1, 1995 |
| Power Supply Cost Recovery (Cont'd.) | Twelfth Rev. No. 25.1 | January 1, 1995 |
| Rate "E" - Emergency Service to Industrial Facilities Who Do Not Purchase Firm Power from Company | Original No. 26.0 | May 12, 1993 |
| TV Pole Contact Rental Rate | Original No. 28.0 | December 18, 1986 |

Iron River District

| | | |
|---|----------------------|-------------------------------------|
| A-2 Residential Service - Urban and Rural | Fifth Rev. No. 30.0 | 4/95 Billing Cycle |
| AH-2 Residential Electric Heating Service - Urban and Rural | Fifth Rev. No. 31.0 | 4/95 Billing Cycle |
| AH-2 Residential Electric Heating Service - Urban and Rural (Cont'd.) | Original No. 31.1 | December 18, 1986 |
| C-2 General Service | Fifth Rev. No. 32.0 | 4/95 Billing Cycle |
| C-2 General Service (Cont'd.) | Original No. 32.1 | December 18, 1986 |
| H-2 Commercial Electric Heating Service | Fifth Rev. No. 33.0 | 4/95 Billing Cycle |
| P-2 Light and Power Service | Fifth Rev. No. 34.0 | 4/95 Billing Cycle |
| WP-2 Large Light and Power | Fifth Rev. No. 35.0 | 4/95 Billing Cycle |
| WP-2 Large Light and Power (Cont'd.) | First Rev. No. 35.1 | Bills issued on & after May 1, 1991 |
| M-2 Municipal Water Pumping | Fifth Rev. No. 36.0 | 4/95 Billing Cycle |
| SL-7 Street Lighting Service | Fourth Rev. No. 37.0 | January 1, 1994 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |

Continued to Sheet No. 3.6

Issued March 17, 1995 by
C. Fisher
President
Houghton, Michigan

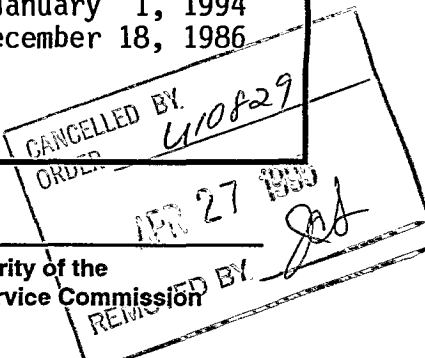


Effective:

Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case No. _____



Continued from Sheet No. 3.4
Interconnected System Districts

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|-----------------------|-----------------------|
| Special Ishpeming Street Lighting Rate | Fourth Rev. No. 21.9 | May 12, 1993 |
| Z-1 Dusk to Dawn Outdoor Security Lighting | Sixth Rev. No. 22.0 | January 25, 1995 |
| Z-3 Dusk to Dawn Outdoor Security Lighting | First Rev. No. 22.1 | May 12, 1993 |
| W-1 Off-Peak Water Heating Service | Fourth Rev. No. 23.0 | May 12, 1993 |
| Power Supply Cost Recovery | Third Rev. No. 25.0 | January 1, 1995 |
| Power Supply Cost Recovery (Cont'd.) | Twelfth Rev. No. 25.1 | January 1, 1995 |
| TV Pole Contact Rental Rate | Original No. 28.0 | December 18, 1986 |
| Rate "E" - Emergency Service to Industrial Facilities Who Do Not Purchase Firm Power from Company | Original No. 26.0 | May 12, 1993 |

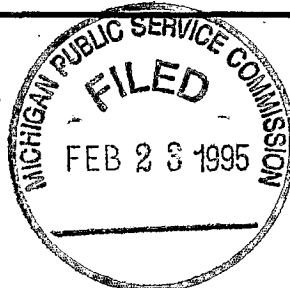
Iron River District

| | | |
|---|---------------------|-------------------------------------|
| A-2 Residential Service - Urban and Rural | Third Rev. No. 30.0 | May 12, 1993 |
| AH-2 Residential Electric Heating Service - Urban and Rural | Third Rev. No. 31.0 | May 12, 1993 |
| AH-2 Residential Electric Heating Service - Urban and Rural (Cont'd.) | Original No. 31.1 | December 18, 1986 |
| C-2 General Service | Third Rev. No. 32.0 | May 12, 1993 |
| C-2 General Service (Cont'd.) | Original No. 32.1 | December 18, 1986 |
| H-2 Commercial Electric Heating Service | Third Rev. No. 33.0 | May 12, 1993 |
| P-2 Light and Power Service | Third Rev. No. 34.0 | May 12, 1993 |
| WP-2 Large Light and Power | Third Rev. No. 35.0 | May 12, 1993 |
| WP-2 Large Light and Power (Cont'd.) | First Rev. No. 35.1 | Bills issued on & after May 1, 1991 |
| M-2 Municipal Water Pumping | Third Rev. No. 36.0 | May 12, 1993 |
| SL-7 Street Lighting Service | Third Rev. No. 37.0 | May 12, 1993 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |

Continued to Sheet No. 3.6

Issued February 9, 1995 by

C. Fisher
President
Houghton, Michigan

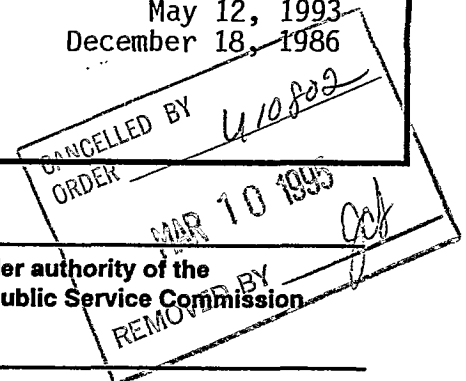


Effective:

Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case No. _____



Continued from Sheet No. 3.4
Interconnected System Districts

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|-----------------------|-----------------------|
| Special Ishpeming Street Lighting Rate | Fourth Rev. No. 21.9 | May 12, 1993 |
| Z-1 Dusk to Dawn Outdoor Security Lighting | Fourth Rev. No. 22.0 | May 12, 1993 |
| Z-3 Dusk to Dawn Outdoor Security Lighting | First Rev. No. 22.1 | May 12, 1993 |
| W-1 Off-Peak Water Heating Service | Fourth Rev. No. 23.0 | May 12, 1993 |
| Power Supply Cost Recovery | Third Rev. No. 25.0 | January 1, 1995 |
| Power Supply Cost Recovery (Cont'd.) | Twelfth Rev. No. 25.1 | January 1, 1995 |
| TV Pole Contact Rental Rate | Original No. 28.0 | December 18, 1986 |
| Rate "E" - Emergency Service to Industrial Facilities Who Do Not Purchase Firm Power from Company | Original No. 26.0 | May 12, 1993 |

Iron River District

| | | |
|---|---------------------|-------------------------------------|
| A-2 Residential Service - Urban and Rural | Third Rev. No. 30.0 | May 12, 1993 |
| AH-2 Residential Electric Heating Service - Urban and Rural | Third Rev. No. 31.0 | May 12, 1993 |
| AH-2 Residential Electric Heating Service - Urban and Rural (Cont'd.) | Original No. 31.1 | December 18, 1986 |
| C-2 General Service | Third Rev. No. 32.0 | May 12, 1993 |
| C-2 General Service (Cont'd.) | Original No. 32.1 | December 18, 1986 |
| H-2 Commercial Electric Heating Service | Third Rev. No. 33.0 | May 12, 1993 |
| P-2 Light and Power Service | Third Rev. No. 34.0 | May 12, 1993 |
| WP-2 Large Light and Power | Third Rev. No. 35.0 | May 12, 1993 |
| WP-2 Large Light and Power (Cont'd.) | First Rev. No. 35.1 | Bills issued on & after May 1, 1991 |
| M-2 Municipal Water Pumping | Third Rev. No. 36.0 | May 12, 1993 |
| SL-7 Street Lighting Service | Third Rev. No. 37.0 | May 12, 1993 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |

Continued to Sheet No. 3.6

DECEMBER 18, 1986
CANCELLED BY
ORDER 410743

Issued January 18, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

JAN 25 1995

REMOVED BY
Issued under authority of the
Michigan Public Service Commission

Dated

In Case No.

Continued from Sheet No. 3.4
Interconnected System Districts

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|----------------------|-----------------------|
| Special Ishpeming Street Lighting Rate | Fourth Rev. No. 21.9 | May 12, 1993 |
| Z-1 Dusk to Dawn Outdoor Security Lighting | Fourth Rev. No. 22.0 | May 12, 1993 |
| Z-3 Dusk to Dawn Outdoor Security Lighting | First Rev. No. 22.1 | May 12, 1993 |
| W-1 Off-Peak Water Heating Service | Fourth Rev. No. 23.0 | May 12, 1993 |
| Power Supply Cost Recovery | Second Rev. No. 25.0 | May 12, 1993 |
| Power Supply Cost Recovery (Cont'd.) | Ninth Rev. No. 25.1 | May 12, 1993 |
| TV Pole Contact Rental Rate | Original No. 28.0 | December 18, 1986 |
| Rate "E" - Emergency Service to Industrial Facilities Who Do Not Purchase Firm Power from Company | Original No. 26.0 | May 12, 1993 |

Iron River District

| | | |
|---|---------------------|-------------------------------------|
| A-2 Residential Service - Urban and Rural | Third Rev. No. 30.0 | May 12, 1993 |
| AH-2 Residential Electric Heating Service - Urban and Rural | Third Rev. No. 31.0 | May 12, 1993 |
| AH-2 Residential Electric Heating Service - Urban and Rural (Cont'd.) | Original No. 31.1 | December 18, 1986 |
| C-2 General Service | Third Rev. No. 32.0 | May 12, 1993 |
| C-2 General Service (Cont'd.) | Original No. 32.1 | December 18, 1986 |
| H-2 Commercial Electric Heating Service | Third Rev. No. 33.0 | May 12, 1993 |
| P-2 Light and Power Service | Third Rev. No. 34.0 | May 12, 1993 |
| WP-2 Large Light and Power | Third Rev. No. 35.0 | May 12, 1993 |
| WP-2 Large Light and Power (Cont'd.) | First Rev. No. 35.1 | Bills issued on & after May 1, 1991 |
| M-2 Municipal Water Pumping | Third Rev. No. 36.0 | May 12, 1993 |
| SL-7 Street Lighting Service | Third Rev. No. 37.0 | May 12, 1993 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |

Continued to Sheet No. 3.6

Canceled Jan 11, 1995 Case No. 410706

Issued June 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective:

Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case No. _____

Continued from Sheet No. 3.4
Interconnected System Districts

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|---------------------|--|
| CG-1 Primary Cogeneration Tariff | Original No. 16.2 | December 18, 1986 |
| CG-1 Primary Cogeneration (Cont'd.) | Original No. 16.3 | December 18, 1986 |
| WP-11 Interruptible Service Rate | Original No. 16.5 | December 18, 1986 |
| WP-11 Interruptible Service Rate (Cont'd.) | Original No. 16.6 | December 18, 1986 |
| WP-11 Interruptible Service Rate (Cont'd.) | Original No. 16.7 | December 18, 1986 |
| M-1 Muncipal Water Pumping | Third Rev. No. 17.0 | Bills issued on & after Jan 1, 1992 |
| SL-1 Street Lighting Service | Original No. 18.0 | December 18, 1986 |
| SL-2 Street Lighting Service | Third Rev. No. 19.0 | Bills issued on & after Jan 1, 1992 |
| SL-3 Street Lighting Service | Third Rev. No. 20.0 | Bills issued on & after Jan 1, 1992 |
| SL-4 Street Lighting Service | Third Rev. No. 21.0 | Bills issued on & after Jan 1, 1992 |
| SL-5 Street Lighting Service | Third Rev. No. 21.5 | Bills issued on & after Jan 1, 1992 |
| SL-6 Street Lighting Service | Third Rev. No. 21.6 | Bills issued on & after Jan 1, 1992 |
| Special Ishpeming Street Lighting Rate | Third Rev. No. 21.9 | Bills issued on & after Jan 1, 1992 |
| Z-1 Dusk to Dawn Outdoor Security Lighting | Third Rev. No. 22.0 | Bills issued on & after Jan 1, 1992 |
| W-1 Off-Peak Water Heating Service | Third Rev. No. 23.0 | Bills issued on & after Jan 1, 1992 |
| Power Supply Cost Recovery | First Rev. No. 25.0 | Bills issued on & after May 1, 1991 |
| Power Supply Cost Recovery (cont'd.) | Sixth Rev. No. 25.1 | Bills issued on & after May 1, 1991 |
| TV Pole Contact Rental Rate | Original No. 28.0 | December 18, 1986 |

Continued to Sheet No. 3.6

CANCELLED BY. 410094
ORDER
MAY 11 1993
REMOVED BY. *yes*

Issued January 3, 1992 by

C. Fisher
President
Houghton, Michigan



Effective:

Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case No. _____

Continued from Sheet No. 3.4
Interconnected System Districts

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|--|----------------------|-------------------------------------|
| CG-1 Primary Cogeneration Tariff | Original No. 16.2 | December 18, 1986 |
| CG-1 Primary Cogeneration (Cont'd.) | Original No. 16.3 | December 18, 1986 |
| WP-11 Interruptible Service Rate | Original No. 16.5 | December 18, 1986 |
| WP-11 Interruptible Service Rate (Cont'd.) | Original No. 16.6 | December 18, 1986 |
| WP-11 Interruptible Service Rate (Cont'd.) | Original No. 16.7 | December 18, 1986 |
| M-1 Municipal Water Pumping | Second Rev. No. 17.0 | Bills issued on & after May 1, 1991 |
| SL-1 Street Lighting Service | Original No. 18.0 | December 18, 1986 |
| SL-2 Street Lighting Service | Second Rev. No. 19.0 | Bills issued on & after May 1, 1991 |
| SL-3 Street Lighting Service | Second Rev. No. 20.0 | Bills issued on & after May 1, 1991 |
| SL-4 Street Lighting Service | Second Rev. No. 21.0 | Bills issued on & after May 1, 1991 |
| SL-5 Street Lighting Service | Second Rev. No. 21.5 | Bills issued on & after May 1, 1991 |
| SL-6 Street Lighting Service | Second Rev. No. 21.6 | Bills issued on & after May 1, 1991 |
| Special Ishpeming Street Lighting Rate | Second Rev. No. 21.9 | Bills issued on & after May 1, 1991 |
| Z-1 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 22.0 | Bills issued on & after May 1, 1991 |
| W-1 Off-Peak Water Heating Service | Second Rev. No. 23.0 | Bills issued on & after May 1, 1991 |
| Power Supply Cost Recovery | First Rev. No. 25.0 | Bills issued on & after May 1, 1991 |
| Power Supply Cost Recovery (cont'd.) | Sixth Rev. No. 25.1 | Bills issued on & after May 1, 1991 |
| TV Pole Contact Rental Rate | Original No. 28.0 | December 18, 1986 |

Continued to Sheet No. 3.6

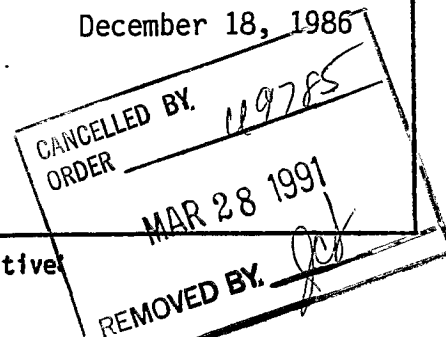
Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



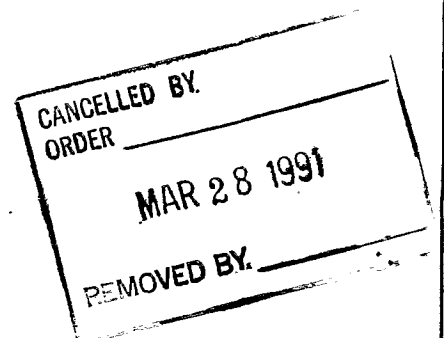
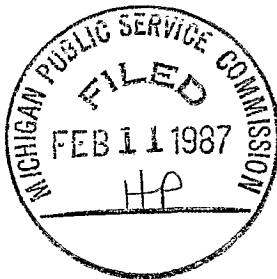
Effective

Issued under authority of the
Michigan Public Service Commission
Dated _____
In Case No. _____



Continued from Sheet No. 3.4
Iron River District

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|---------------------|-----------------------|
| WP-2 Large Light and Power (Cont'd.) | Original No. 35.1 | December 18, 1986 |
| M-2 Municipal Water Pumping | Original No. 36.0 | December 18, 1986 |
| SL-7 Street Lighting Service | Original No. 37.0 | December 18, 1986 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |
| SL-9 Street Lighting Service | Original No. 39.0 | December 18, 1986 |
| SL-10 Street Lighting Service | Original No. 40.0 | December 18, 1986 |
| Z-2 Dusk to Dawn Outdoor Security Lighting | Original No. 41.0 | December 18, 1986 |
| W-2 Off-Peak Water Heating Service | Original No. 42.0 | December 18, 1986 |
| SL-11 Street Lighting Service | Original No. 44.0 | December 18, 1986 |
| Power Supply Cost Recovery | Original No. 45.0 | December 18, 1986 |
| Power Supply Cost Recovery (Cont'd.) | Original No. 45.1 | December 18, 1986 |
| TV Pole Contact Rental Rate | Original 50.0 | December 18, 1986 |



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case no. _____

Effective for electric service
rendered on and after

Iron River District

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|-------------------------|--|
| SL-9 Street Lighting Service | First Rev. No. 39.0 | Bills issued on & after May 1, 1991 |
| SL-10 Street Lighting Service | Fifth Rev. No. 40.0 | December 21, 2002 |
| Z-2 Dusk to Dawn Outdoor Security Lighting | Sixth Rev. No. 41.0 | December 21, 2002 |
| Z-4 Dusk to Dawn Outdoor Security Lighting | Third Rev. No. 41.1 | December 21, 2002 |
| W-2 Off-Peak Water Heating Service | Seventh Rev. No. 42.0 | December 21, 2002 |
| SL-11 Street Lighting Service | Fifth Rev. No. 44.0 | December 21, 2002 |
| Power Supply Cost Recovery | Twelfth Rev. No. 45.0 | January 1, 2003 |
| Power Supply Cost Recovery (Cont'd.) | Thirtieth Rev. No. 45.1 | January 1, 2003 |
| Power Supply Default Service | Original Sheet No. 46.0 | January 1, 2002 |
| | Original No. 46.1 | January 1, 2002 |
| TV Pole Contact Rental Rate | First Revised 50.0 | November 17, 1999 |
| Naturewise | Original No. 61.0 | December 21, 2002 |
| Naturewise | Original No. 61.1 | December 21, 2002 |

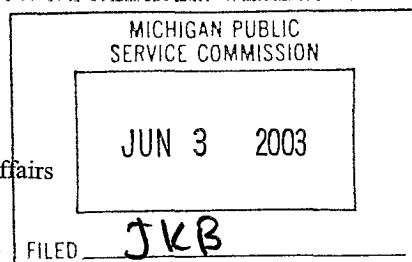
CANCELLED BY
ORDER U-6300

REMOVED BY JKB

DATE 11/6/03

Issued: May 2, 2003

By: J. F. Schott
Ass't Vice President - Regulatory Affairs
Houghton, Michigan



Effective: January 1, 2003

Issued under authority of the
Michigan Public Service Commission
Dated: April 17, 2003

In Case No. U-13553

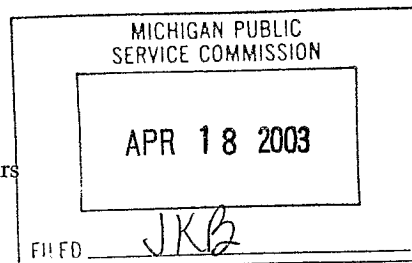
Iron River District

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|----------------------------|--|
| SL-9 Street Lighting Service | First Rev. No. 39.0 | Bills issued on & after May 1, 1991 |
| SL-10 Street Lighting Service | Fifth Rev. No. 40.0 | December 21, 2002 |
| Z-2 Dusk to Dawn Outdoor Security Lighting | Sixth Rev. No. 41.0 | December 21, 2002 |
| Z-4 Dusk to Dawn Outdoor Security Lighting | Third Rev. No. 41.1 | December 21, 2002 |
| W-2 Off-Peak Water Heating Service | Seventh Rev. No. 42.0 | December 21, 2002 |
| SL-11 Street Lighting Service | Fifth Rev. No. 44.0 | December 21, 2002 |
| Power Supply Cost Recovery | Eleventh Rev. No. 45.0 | January 1, 2003 |
| Power Supply Cost Recovery (Cont'd.) | Twenty Ninth Rev. No. 45.1 | January 1, 2003 |
| Power Supply Default Service | Original Sheet No. 46.0 | January 1, 2002 |
| | Original No. 46.1 | January 1, 2002 |
| TV Pole Contact Rental Rate | First Revised 50.0 | November 17, 1999 |
| Naturewise | Original No. 61.0 | December 21, 2002 |
| Naturewise | Original No. 61.1 | December 21, 2002 |

CANCELLED BY
ORDER U-6300
REMOVED BY JKB
DATE 6/3/03

Issued: February 14, 2003

By: J. F. Schott
Ass't Vice President - Regulatory Affairs
Houghton, Michigan



Effective: January 1, 2003

Issued under authority of the
Michigan Public Service Commission
Dated: February 10, 2003

In Case No. U-13553

CHECK LIST

Iron River District

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|--|-----------------------------|-------------------------------------|
| SL-9 Street Lighting Service | First Rev. No. 39.0 | Bills issued on & after May 1, 1991 |
| SL-10 Street Lighting Service | Fifth Rev. No. 40.0 | December 21, 2002 |
| Z-2 Dusk to Dawn Outdoor Security Lighting | Sixth Rev. No. 41.0 | December 21, 2002 |
| Z-4 Dusk to Dawn Outdoor Security Lighting | Third Rev. No. 41.1 | December 21, 2002 |
| W-2 Off-Peak Water Heating Service | Seventh Rev. No. 42.0 | December 21, 2002 |
| SL-11 Street Lighting Service | Fifth Rev. No. 44.0 | December 21, 2002 |
| Power Supply Cost Recovery | Tenth Rev. No. 45.0 | January 1, 2002 |
| Power Supply Cost Recovery (Cont'd.) | Twenty Eighth Rev. No. 45.1 | February 1, 2002 |
| Power Supply Default Service | Original Sheet No. 46.0 | January 1, 2002 |
| | Original No. 46.1 | January 1, 2002 |
| TV Pole Contact Rental Rate | First Revised 50.0 | November 17, 1999 |
| Naturewise | Original No. 61.0 | December 21, 2002 |
| Naturewise | Original No. 61.1 | December 21, 2002 |

CANCELLED BY
ORDER Self-imp U-13553
REMOVED BY JKB
DATE 4-18-03

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin

MICHIGAN PUBLIC
SERVICE COMMISSION

FEB 28 2003

FILED JKB

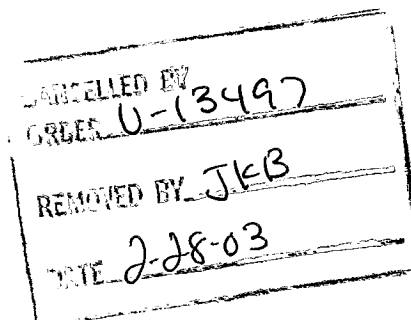
Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 12-20-02
In Case No: U-13497

M.P.S.C. No. 7
UPPER PENINSULA POWER COMPANY

Nineteenth Revised Sheet No. 3.6
Cancels Eighteenth Revised Sheet No. 3.6

Continued from Sheet No. 3.5
Iron River District

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|-----------------------------|--|
| SL-9 Street Lighting Service | First Rev. No. 39.0 | Bills issued on & after May 1, 1991 |
| SL-10 Street Lighting Service | Fourth Rev. No. 40.0 | January 1, 1994 |
| Z-2 Dusk to Dawn Outdoor Security Lighting | Fifth Rev. No. 41.0 | January 25, 1995 |
| Z-4 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 41.1 | January 1, 1994 |
| W-2 Off-Peak Water Heating Service | Sixth Rev. No. 42.0 | January 1, 2002 |
| SL-11 Street Lighting Service | Fourth Rev. No. 44.0 | January 1, 1994 |
| Power Supply Cost Recovery | Tenth Rev. No. 45.0 | January 1, 2002 |
| Power Supply Cost Recovery (Cont'd.) | Twenty Eighth Rev. No. 45.1 | February 1, 2002 |
| Power Supply Default Service | Original Sheet No. 46.0 | January 1, 2002 |
| | Original No. 46.1 | January 1, 2002 |
| TV Pole Contact Rental Rate | First Revised 50.0 | November 17, 1999 |



Issued: August 27, 2002

By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



Effective: February 1, 2002

Issued under authority of the
Michigan Public Service Commission
Dated August 20, 2002

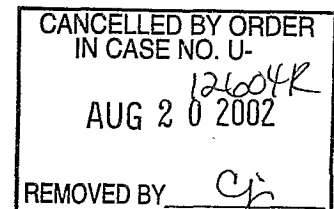
In Case No. U-12604-R

Continued from Sheet No. 3.5
Iron River District

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|-------------------------------------|--|
| SL-9 Street Lighting Service | First Rev. No. 39.0 | Bills issued on & after May 1, 1991 |
| SL-10 Street Lighting Service | Fourth Rev. No. 40.0 | January 1, 1994 |
| Z-2 Dusk to Dawn Outdoor Security Lighting | Fifth Rev. No. 41.0 | January 25, 1995 |
| Z-4 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 41.1 | January 1, 1994 |
| W-2 Off-Peak Water Heating Service | Sixth Rev. No. 42.0 | January 1, 2002 |
| SL-11 Street Lighting Service | Fourth Rev. No. 44.0 | January 1, 1994 |
| Power Supply Cost Recovery | Tenth Rev. No. 45.0 | January 1, 2002 |
| Power Supply Cost Recovery (Cont'd.) | <i>Twenty Seventh Rev. No. 45.1</i> | <i>May 1, 2002</i> |
| Power Supply Default Service | Original Sheet No. 46.0 | January 1, 2002 |
| | Original No. 46.1 | January 1, 2002 |
| TV Pole Contact Rental Rate | First Revised 50.0 | November 17, 1999 |

Issued: May 6, 2002

By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



Effective: May 1, 2002

Issued under authority of the
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Dated April 16, 2002

In Case No. U-12126-R

M.P.S.C. No. 7
UPPER PENINSULA POWER COMPANY

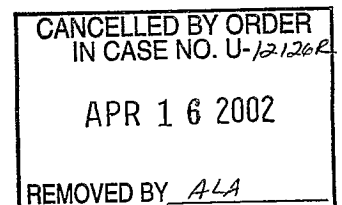
Seventeenth Revised Sheet No. 3.6
Cancels Sixteenth Revised Sheet No. 3.6

Continued from Sheet No. 3.5
Iron River District

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|----------------------------|--|
| SL-9 Street Lighting Service | First Rev. No. 39.0 | Bills issued on & after May 1, 1991 |
| SL-10 Street Lighting Service | Fourth Rev. No. 40.0 | January 1, 1994 |
| Z-2 Dusk to Dawn Outdoor Security Lighting | Fifth Rev. No. 41.0 | January 25, 1995 |
| Z-4 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 41.1 | January 1, 1994 |
| W-2 Off-Peak Water Heating Service | Sixth Rev. No. 42.0 | January 1, 2002 |
| SL-11 Street Lighting Service | Fourth Rev. No. 44.0 | January 1, 1994 |
| Power Supply Cost Recovery | Tenth Rev. No. 45.0 | January 1, 2002 |
| Power Supply Cost Recovery (Cont'd.) | Twenty Sixth Rev. No. 45.1 | January 1, 2002 |
| Power Supply Default Service | Original Sheet No. 46.0 | January 1, 2002 |
| | Original No. 46.1 | January 1, 2002 |
| TV Pole Contact Rental Rate | First Revised 50.0 | November 17, 1999 |

Issued: April 10, 2002

By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



Effective: January 1, 2002

Issued under authority of the
Michigan Public Service Commission
Dated March 29, 2002

In Case No. U-13104

Interconnected System Districts

Continued from Sheet No. 3.5

Iron River District

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|--|----------------------------|-------------------------------------|
| SL-9 Street Lighting Service | First Rev. No. 39.0 | Bills issued on & after May 1, 1991 |
| SL-10 Street Lighting Service | Fourth Rev. No. 40.0 | January 1, 1994 |
| Z-2 Dusk to Dawn Outdoor Security Lighting | Fifth Rev. No. 41.0 | January 25, 1995 |
| Z-4 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 41.1 | January 1, 1994 |
| W-2 Off-Peak Water Heating Service | Sixth Rev. No. 42.0 | January 1, 2002 |
| SL-11 Street Lighting Service | Fourth Rev. No. 44.0 | January 1, 1994 |
| Power Supply Cost Recovery | Ninth Rev. No. 45.0 | January 1, 2001 |
| Power Supply Cost Recovery (Cont'd.) | Twenty Fifth Rev. No. 45.1 | January 1, 2001 |
| Power Supply Default Service | Original No. 46.0 | January 1, 2002 |
| | Original No. 46.1 | January 1, 2002 |
| TV Pole Contact Rental Rate | First Rev. No. 50.0 | November 17, 1999 |

CANCELLED BY ORDER
IN CASE NO. U-

13104
MAR 29 2002

REMOVED BY gj

Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



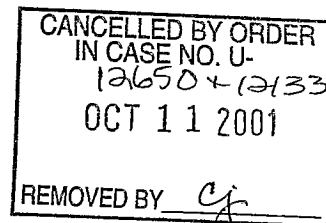
Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12133

Continued from Sheet No. 3.5
Iron River District

| | <u>Sheet Number</u> | <u>Effective Date</u> |
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| SL-9 Street Lighting Service | First Rev. No. 39.0 | Bills issued on & after May 1, 1991 |
| SL-10 Street Lighting Service | Fourth Rev. No. 40.0 | January 1, 1994 |
| Z-2 Dusk to Dawn Outdoor Security Lighting | Fifth Rev. No. 41.0 | January 25, 1995 |
| Z-4 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 41.1 | January 1, 1994 |
| W-2 Off-Peak Water Heating Service | Fifth Rev. No. 42.0 | 5/95 Billing Cycle |
| SL-11 Street Lighting Service | Fourth Rev. No. 44.0 | January 1, 1994 |
| Power Supply Cost Recovery | <i>Ninth Rev. No. 45.0</i> | <i>January 1, 2001</i> |
| Power Supply Cost Recovery (Cont'd.) | <i>Twenty Fifth Rev. No. 45.1</i> | <i>January 1, 2001</i> |
| TV Pole Contact Rental Rate | First Revised 50.0 | November 17, 1999 |

Issued: November 5, 2001

By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



Effective: November 1, 2001

Issued under authority of the
Michigan Public Service Commission
Dated October 29, 2001

In Case No. U-12604

Continued from Sheet No. 3.5
Iron River District

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|-----------------------------------|--|
| SL-9 Street Lighting Service | First Rev. No. 39.0 | Bills issued on & after May 1, 1991 |
| SL-10 Street Lighting Service | Fourth Rev. No. 40.0 | January 1, 1994 |
| Z-2 Dusk to Dawn Outdoor Security Lighting | Fifth Rev. No. 41.0 | January 25, 1995 |
| Z-4 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 41.1 | January 1, 1994 |
| W-2 Off-Peak Water Heating Service | Fifth Rev. No. 42.0 | 5/95 Billing Cycle |
| SL-11 Street Lighting Service | Fourth Rev. No. 44.0 | January 1, 1994 |
| Power Supply Cost Recovery | <i>Eighth Rev. No. 45.0</i> | <i>January 1, 2001</i> |
| Power Supply Cost Recovery (Cont'd.) | <i>Twenty Third Rev. No. 45.1</i> | <i>January 1, 2001</i> |
| TV Pole Contact Rental Rate | First Revised 50.0 | November 17, 1999 |

Issued: October 24, 2001

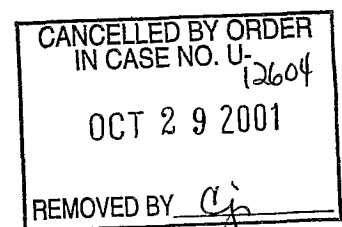
By: W.L. Bourbonnais
Manager-Rates & Econ Eval.
Houghton, Michigan



Effective: January 1, 2001

Issued under authority of the
Michigan Public Service Commission
1982 PA 304 Sec 6j(9)
and for Implementing

In Case No. U-12604

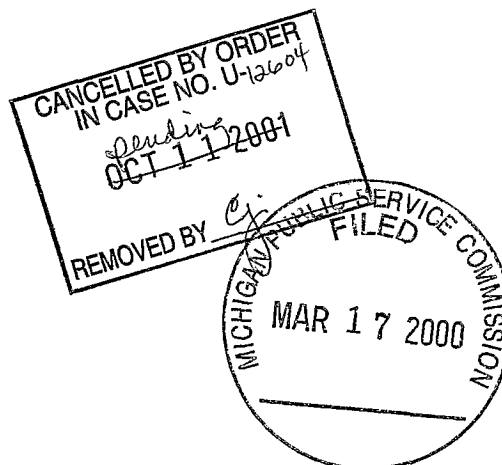


Continued from Sheet No. 3.5
Iron River District

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|-----------------------------|--|
| SL-9 Street Lighting Service | First Rev. No. 39.0 | Bills issued on & after May 1, 1991 |
| SL-10 Street Lighting Service | Fourth Rev. No. 40.0 | January 1, 1994 |
| Z-2 Dusk to Dawn Outdoor Security Lighting | Fifth Rev. No. 41.0 | January 25, 1995 |
| Z-4 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 41.1 | January 1, 1994 |
| W-2 Off-Peak Water Heating Service | Fifth Rev. No. 42.0 | 5/95 Billing Cycle |
| SL-11 Street Lighting Service | Fourth Rev. No. 44.0 | January 1, 1994 |
| Power Supply Cost Recovery | Seventh Rev. No. 45.0 | January 1, 2000 |
| Power Supply Cost Recovery (Cont'd.) | Twenty Second Rev. No. 45.1 | January 1, 2000 |
| TV Pole Contact Rental Rate | First Revised 50.0 | November 17, 1999 |

Issued: January 1, 2000

By: C. Fisher, President
Houghton, Michigan



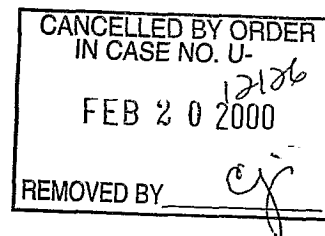
Effective: January 1, 2000

Issued under authority of the
Michigan Public Service Commission
Dated February 20, 2000

In Case No. U-12126

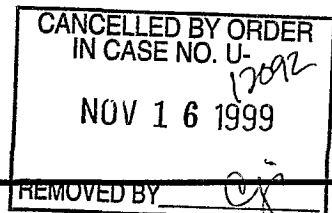
Continued from Sheet No. 3.5
Iron River District

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|-------------------------|--|
| SL-9 Street Lighting Service | First Rev. No. 39.0 | Bills issued on & after May 1, 1991 |
| SL-10 Street Lighting Service | Fourth Rev. No. 40.0 | January 1, 1994 |
| Z-2 Dusk to Dawn Outdoor Security Lighting | Fifth Rev. No. 41.0 | January 25, 1995 |
| Z-4 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 41.1 | January 1, 1994 |
| W-2 Off-Peak Water Heating Service | Fifth Rev. No. 42.0 | 5/95 Billing Cycle |
| SL-11 Street Lighting Service | Fourth Rev. No. 44.0 | January 1, 1994 |
| Power Supply Cost Recovery | Sixth Rev. No. 45.0 | January 1, 1999 |
| Power Supply Cost Recovery (Cont'd.) | Twentieth Rev. No. 45.1 | January 1, 1999 |
| TV Pole Contact Rental Rate | First Revised No. 50.0 | November 17, 1999 |



Continued from Sheet No. 3.5
Iron River District

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|-------------------------|--|
| SL-9 Street Lighting Service | First Rev. No. 39.0 | Bills issued on & after May 1, 1991 |
| SL-10 Street Lighting Service | Fourth Rev. No. 40.0 | January 1, 1994 |
| Z-2 Dusk to Dawn Outdoor Security Lighting | Fifth Rev. No. 41.0 | January 25, 1995 |
| Z-4 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 41.1 | January 1, 1994 |
| W-2 Off-Peak Water Heating Service | Fifth Rev. No. 42.0 | 5/95 Billing Cycle |
| SL-11 Street Lighting Service | Fourth Rev. No. 44.0 | January 1, 1994 |
| Power Supply Cost Recovery | Sixth Rev. No. 45.0 | January 1, 1999 |
| Power Supply Cost Recovery (Cont'd.) | Twentieth Rev. No. 45.1 | January 1, 1999 |
| TV Pole Contact Rental Rate | Original 50.0 | December 18, 1986 |



Issued January 1, 1999 by
C. Fisher
President
Houghton, Michigan



Effective:

Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case No. _____

Continued from Sheet No. 3.5
Iron River District

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|--------------------------|--|
| SL-9 Street Lighting Service | First Rev. No. 39.0 | Bills issued on & after May 1, 1991 |
| SL-10 Street Lighting Service | Fourth Rev. No. 40.0 | January 1, 1994 |
| Z-2 Dusk to Dawn Outdoor Security Lighting | Fifth Rev. No. 41.0 | January 25, 1995 |
| Z-4 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 41.1 | January 1, 1994 |
| W-2 Off-Peak Water Heating Service | Fifth Rev. No. 42.0 | 5/95 Billing Cycle |
| SL-11 Street Lighting Service | Fourth Rev. No. 44.0 | January 1, 1994 |
| Power Supply Cost Recovery | Fifth Rev. No. 45.0 | January 1, 1998 |
| Power Supply Cost Recovery (Cont'd.) | Nineteenth Rev. No. 45.1 | January 1, 1998 |
| TV Pole Contact Rental Rate | Original 50.0 | December 18, 1986 |

CANCELLED BY ORDER
IN CASE NO. U-11791

MAR 08 1999

REMOVED BY cy

Issued January 1, 1998 by

C. Fisher
President
Houghton, Michigan



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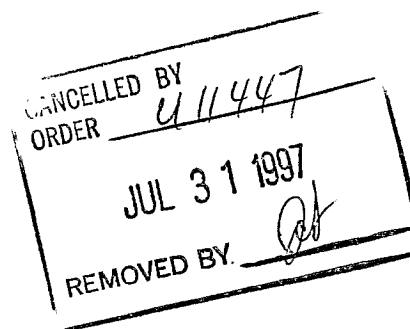
Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case No. _____

Continued from Sheet No. 3.5
Iron River District

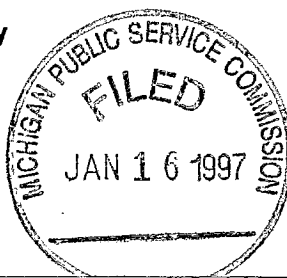
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| SL-9 Street Lighting Service | First Rev. No. 39.0 | Bills issued on & after May 1, 1991 |
| SL-10 Street Lighting Service | Fourth Rev. No. 40.0 | January 1, 1994 |
| Z-2 Dusk to Dawn Outdoor Security Lighting | Fifth Rev. No. 41.0 | January 25, 1995 |
| Z-4 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 41.1 | January 1, 1994 |
| W-2 Off-Peak Water Heating Service | Fifth Rev. No. 42.0 | 5/95 Billing Cycle |
| SL-11 Street Lighting Service | Fourth Rev. No. 44.0 | January 1, 1994 |
| Power Supply Cost Recovery | Fourth Rev. No. 45.0 | January 1, 1997 |
| Power Supply Cost Recovery (Cont'd.) | Eighteenth Rev. No. 45.1 | January 1, 1997 |
| TV Pole Contact Rental Rate | Original 50.0 | December 18, 1986 |



Effective:

Issued January 1, 1997 by

C. Fisher
President
Houghton, Michigan



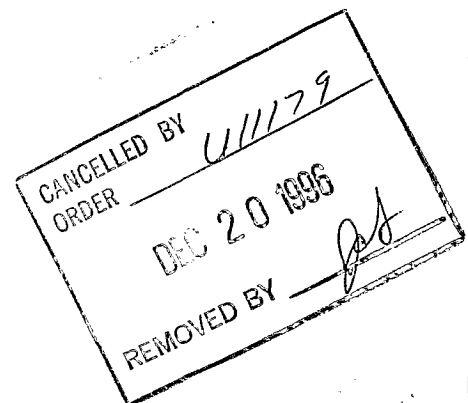
Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case No. _____

Continued from Sheet No. 3.5
Iron River District

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|---------------------------|--|
| SL-9 Street Lighting Service | First Rev. No. 39.0 | Bills issued on & after May 1, 1991 |
| SL-10 Street Lighting Service | Fourth Rev. No. 40.0 | January 1, 1994 |
| Z-2 Dusk to Dawn Outdoor Security Lighting | Fifth Rev. No. 41.0 | January 25, 1995 |
| Z-4 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 41.1 | January 1, 1994 |
| W-2 Off-Peak Water Heating Service | Fifth Rev. No. 42.0 | 5/95 Billing Cycle |
| SL-11 Street Lighting Service | Fourth Rev. No. 44.0 | January 1, 1994 |
| Power Supply Cost Recovery | Third Rev. No. 45.0 | January 1, 1996 |
| Power Supply Cost Recovery (Cont'd.) | Seventeenth Rev. No. 45.1 | September 1, 1996 |
| TV Pole Contact Rental Rate | Original 50.0 | December 18, 1986 |



Issued August 15, 1996 by

C. Fisher
President
Houghton, Michigan



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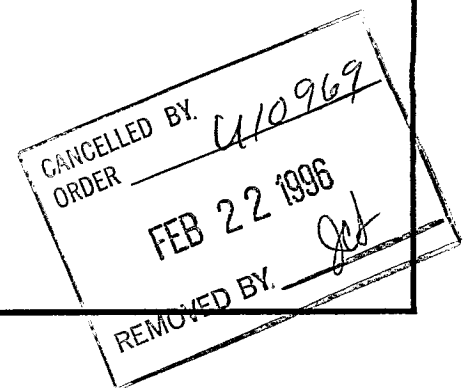
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Michigan Public Service Commission

Dated _____

In Case No. _____

Continued from Sheet No. 3.5
Iron River District

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|-------------------------|--|
| SL-9 Street Lighting Service | First Rev. No. 39.0 | Bills issued on & after May 1, 1991 |
| SL-10 Street Lighting Service | Fourth Rev. No. 40.0 | January 1, 1994 |
| Z-2 Dusk to Dawn Outdoor Security Lighting | Fifth Rev. No. 41.0 | January 25, 1995 |
| Z-4 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 41.1 | January 1, 1994 |
| W-2 Off-Peak Water Heating Service | Fifth Rev. No. 42.0 | 5/95 Billing Cycle |
| SL-11 Street Lighting Service | Fourth Rev. No. 44.0 | January 1, 1994 |
| Power Supply Cost Recovery | Third Rev. No. 45.0 | January 1, 1996 |
| Power Supply Cost Recovery (Cont'd.) | Sixteenth Rev. No. 45.1 | January 1, 1996 |
| TV Pole Contact Rental Rate | Original 50.0 | December 18, 1986 |



Issued March 1, 1996 by

C. Fisher
President
Houghton, Michigan



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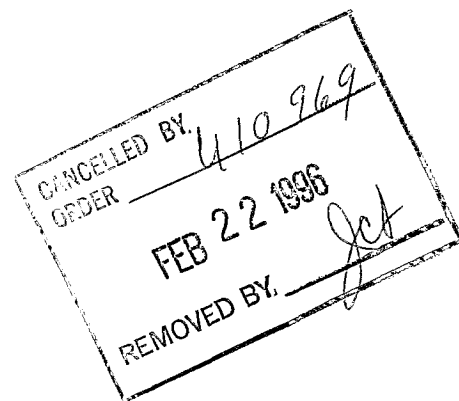
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Michigan Public Service Commission

Dated _____

In Case No. _____

Continued from Sheet No. 3.5
Iron River District

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|-------------------------|--|
| SL-9 Street Lighting Service | First Rev. No. 39.0 | Bills issued on & after May 1, 1991 |
| SL-10 Street Lighting Service | Fourth Rev. No. 40.0 | January 1, 1994 |
| Z-2 Dusk to Dawn Outdoor Security Lighting | Fifth Rev. No. 41.0 | January 25, 1995 |
| Z-4 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 41.1 | January 1, 1994 |
| W-2 Off-Peak Water Heating Service | Fifth Rev. No. 42.0 | 5/95 Billing Cycle |
| SL-11 Street Lighting Service | Fourth Rev. No. 44.0 | January 1, 1994 |
| Power Supply Cost Recovery | Second Rev. No. 45.0 | January 1, 1995 |
| Power Supply Cost Recovery (Cont'd.) | Fifteenth Rev. No. 45.1 | January 1, 1995 |
| TV Pole Contact Rental Rate | Original 50.0 | December 18, 1986 |



Issued May 16, 1995 by _____

C. Fisher
President
Houghton, Michigan



Effective: _____

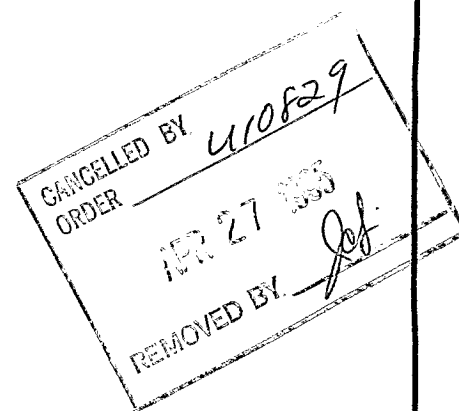
Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case No. _____

Continued from Sheet No. 3.5
Iron River District

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|-------------------------|--|
| SL-9 Street Lighting Service | First Rev. No. 39.0 | Bills issued on & after May 1, 1991 |
| SL-10 Street Lighting Service | Fourth Rev. No. 40.0 | January 1, 1994 |
| Z-2 Dusk to Dawn Outdoor Security Lighting | Fifth Rev. No. 41.0 | January 25, 1995 |
| Z-4 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 41.1 | January 1, 1994 |
| W-2 Off-Peak Water Heating Service | Fourth Rev. No. 42.0 | January 1, 1994 |
| SL-11 Street Lighting Service | Fourth Rev. No. 44.0 | January 1, 1994 |
| Power Supply Cost Recovery | Second Rev. No. 45.0 | January 1, 1995 |
| Power Supply Cost Recovery (Cont'd.) | Fifteenth Rev. No. 45.1 | January 1, 1995 |
| TV Pole Contact Rental Rate | Original 50.0 | December 18, 1986 |



Issued March 17, 1995 by

C. Fisher
President
Houghton, Michigan



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Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case No. _____

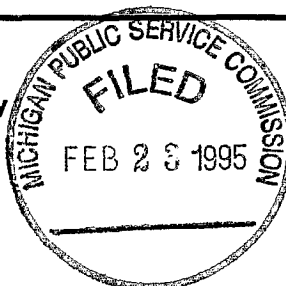
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Iron River District

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|-------------------------|--|
| SL-9 Street Lighting Service | First Rev. No. 39.0 | Bills issued on & after May 1, 1991 |
| SL-10 Street Lighting Service | Third Rev. No. 40.0 | May 12, 1993 |
| Z-2 Dusk to Dawn Outdoor Security Lighting | Fifth Rev. No. 41.0 | January 25, 1995 |
| Z-4 Dusk to Dawn Outdoor Security Lighting | First Rev. No. 41.1 | May 12, 1993 |
| W-2 Off-Peak Water Heating Service | Third Rev. No. 42.0 | May 12, 1993 |
| SL-11 Street Lighting Service | Third Rev. No. 44.0 | May 12, 1993 |
| Power Supply Cost Recovery | Second Rev. No. 45.0 | January 1, 1995 |
| Power Supply Cost Recovery (Cont'd.) | Fifteenth Rev. No. 45.1 | January 1, 1995 |
| TV Pole Contact Rental Rate | Original 50.0 | December 18, 1986 |



Issued February 9, 1995 by

C. Fisher
President
Houghton, Michigan



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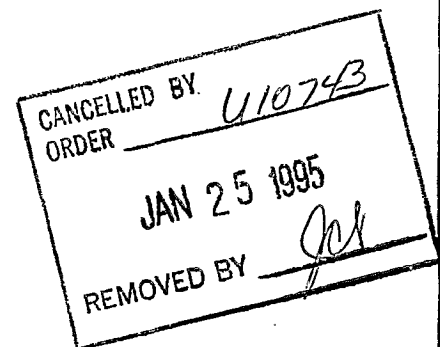
Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case No. _____

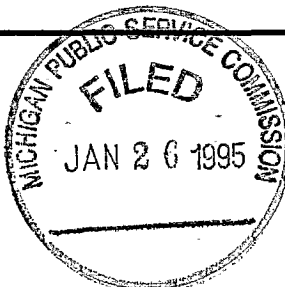
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Iron River District

| | <u>Sheet Number</u> | <u>Effective Date</u> |
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| SL-9 Street Lighting Service | First Rev. No. 39.0 | Bills issued on & after May 1, 1991 |
| SL-10 Street Lighting Service | Third Rev. No. 40.0 | May 12, 1993 |
| Z-2 Dusk to Dawn Outdoor Security Lighting | Third Rev. No. 41.0 | — May 12, 1993 |
| Z-4 Dusk to Dawn Outdoor Security Lighting | First Rev. No. 41.1 | May 12, 1993 |
| W-2 Off-Peak Water Heating Service | Third Rev. No. 42.0 | May 12, 1993 |
| SL-11 Street Lighting Service | Third Rev. No. 44.0 | May 12, 1993 |
| Power Supply Cost Recovery | Second Rev. No. 45.0 | January 1, 1995 |
| Power Supply Cost Recovery (Cont'd.) | Fifteenth Rev. No. 45.1 | January 1, 1995 |
| TV Pole Contact Rental Rate | Original 50.0 | December 18, 1986 |



Issued January 18, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case No. _____

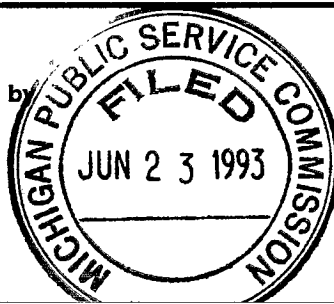
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Iron River District

| | <u>Sheet Number</u> | <u>Effective Date</u> |
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| SL-9 Street Lighting Service | First Rev. No. 39.0 | Bills issued on & after May 1, 1991 |
| SL-10 Street Lighting Service | Third Rev. No. 40.0 | May 12, 1993 |
| Z-2 Dusk to Dawn Outdoor Security Lighting | Third Rev. No. 41.0 | May 12, 1993 |
| Z-4 Dusk to Dawn Outdoor Security Lighting | First Rev. No. 41.1 | May 12, 1993 |
| W-2 Off-Peak Water Heating Service | Third Rev. No. 42.0 | May 12, 1993 |
| SL-11 Street Lighting Service | Third Rev. No. 44.0 | May 12, 1993 |
| Power Supply Cost Recovery | First Rev. No. 45.0 | Bills issued on & after May 1, 1991 |
| Power Supply Cost Recovery (Cont'd.) | Thirteenth Rev. No. 45.1 | May 12, 1993 |
| TV Pole Contact Rental Rate | Original 50.0 | December 18, 1986 |

*Cancelled
Jan 11, 1995
Case No. 410706*

Issued June 1, 1993

C. Fisher
President
Houghton, Michigan



Effective:

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Michigan Public Service Commission

Dated _____

In Case No. _____

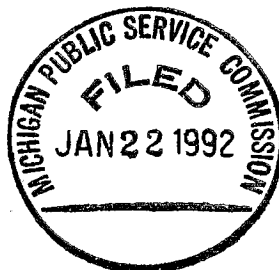
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Iron River District

| | <u>Sheet Number</u> | <u>Effective Date</u> |
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| A-2 Residential Service - Urban and Rural | Second Rev. No. 30.0 | Bills issued on & after Jan 1, 1992 |
| AH-2 Residential Electric Heating Service - Urban and Rural | Second Rev. No. 31.0 | Bills issued on & after Jan 1, 1992 |
| AH-2 Residential Electric Heating Service - Urban and Rural (cont'd.) | Original No. 31.1 | December 18, 1986 |
| C-2 General Service | Second Rev. No. 32.0 | Bills issued on & after Jan 1, 1992 |
| C-2 General Service (Cont'd.) | Original No. 32.1 | December 18, 1986 |
| H-2 Commercial Electric Heating Service | Second Rev. No. 33.0 | Bills issued on & after Jan 1, 1992 |
| P-2 Light and Power Service | Second Rev. No. 34.0 | Bills issued on & after Jan 1, 1992 |
| WP-2 Large Light and Power | Second Rev. No. 35.0 | Bills issued on & after Jan 1, 1992 |
| WP-2 Large Light and Power (Cont'd.) | First Rev. No. 35.1 | Bills issued on & after May 1, 1991 |
| M-2 Municipal Water Pumping | Second Rev. No. 36.0 | Bills issued on & after Jan 1, 1992 |
| SL-7 Street Lighting Service | Second Rev. No. 37.0 | Bills issued on & after Jan 1, 1992 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |
| SL-9 Street Lighting Service | First Rev. No. 39.0 | Bills issued on & after May 1, 1991 |
| SL-10 Street Lighting Service | Second Rev. No. 40.0 | Bills issued on & after Jan 1, 1992 |
| Z-2 Dusk to Dawn Outdoor Security Lighting | Second Rev. No. 41.0 | Bills issued on & after Jan 1, 1992 |
| W-2 Off-Peak Water Heating Service | Second Rev. No. 42.0 | Bills issued on & after Jan 1, 1992 |
| SL-11 Street Lighting Service | Second Rev. No. 44.0 | Bills issued on & after Jan 1, 1992 |

Continued to Sheet No. 3.7

Issued January 3, 1992 by

C. Fisher
President
Houghton, Michigan



Effective:

Issued under authority of the
Michigan Public Service Commission

Dated

In Case No.

CANCELLED BY
ORDER
410094
MAY 11 1993
Jef
REMOVED BY

Continued from Sheet No. 3.5
Iron River District

| | <u>Sheet Number</u> | <u>Effective Date</u> |
|---|---------------------|-------------------------------------|
| A-2 Residential Service - Urban and Rural | First Rev. No. 30.0 | Bills issued on & after May 1, 1991 |
| AH-2 Residential Electric Heating Service - Urban and Rural | First Rev. No. 31.0 | Bills issued on & after May 1, 1991 |
| AH-2 Residential Electric Heating Service - Urban and Rural (cont'd.) | Original No. 31.1 | December 18, 1986 |
| C-2 General Service | First Rev. No. 32.0 | Bills issued on & after May 1, 1991 |
| C-2 General Service (Cont'd.) | Original No. 32.1 | December 18, 1986 |
| H-2 Commercial Electric Heating Service | First Rev. No. 33.0 | Bills issued on & after May 1, 1991 |
| P-2 Light and Power Service | First Rev. No. 34.0 | Bills issued on & after May 1, 1991 |
| WP-2 Large Light and Power | First Rev. No. 35.0 | Bills issued on & after May 1, 1991 |
| WP-2 Large Light and Power (Cont'd.) | First Rev. No. 35.1 | Bills issued on & after May 1, 1991 |
| M-2 Municipal Water Pumping | First Rev. No. 36.0 | Bills issued on & after May 1, 1991 |
| SL-7 Street Lighting Service | First Rev. No. 37.0 | Bills issued on & after May 1, 1991 |
| SL-8 Street Lighting Service | Original No. 38.0 | December 18, 1986 |
| SL-9 Street Lighting Service | First Rev. No. 39.0 | Bills issued on & after May 1, 1991 |
| SL-10 Street Lighting Service | First Rev. No. 40.0 | Bills issued on & after May 1, 1991 |
| Z-2 Dusk to Dawn Outdoor Security Lighting | First Rev. No. 41.0 | Bills issued on & after May 1, 1991 |
| W-2 Off-Peak Water Heating Service | First Rev. No. 42.0 | Bills issued on & after May 1, 1991 |
| SL-11 Street Lighting Service | First Rev. No. 44.0 | Bills issued on & after May 1, 1991 |

Continued to Sheet No. 3.7

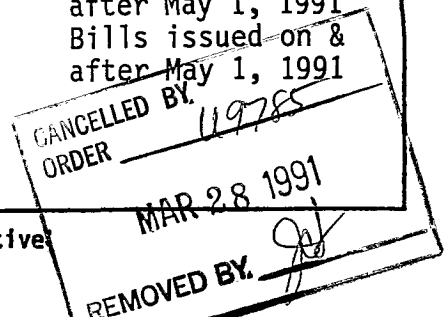
Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



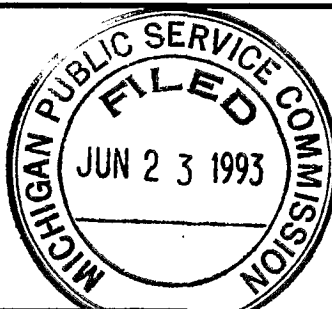
Effective

Issued under authority of the
Michigan Public Service Commission
Dated _____
In Case No. _____



Issued June 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective:

Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case No. _____

Continued from Sheet No. 3.6
Iron River District

| | | |
|---|-----------------------|--|
| Power Supply Cost Recovery | First Rev. No. 45.0 | Bills issued on & after May 1, 1991 |
| Power Supply Cost Recovery (Cont'd.) | Seventh Rev. No. 45.1 | Bills issued on & after May 1, 1991 |
| TV Pole Contact Rental Rate | Original 50.0 | December 18, 1986 |

CANCELLED BY 410094
ORDER
MAY 11 1993
REMOVED BY [Signature]

Issued January 3, 1992 by

C. Fisher
President
Houghton, Michigan



Effective:

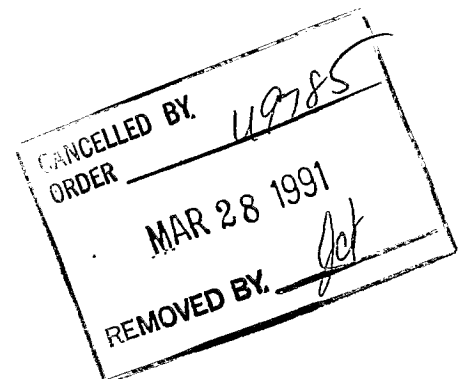
Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case No. _____

Continued from Sheet No. 3.6
Iron River District

| | | |
|---|-----------------------|--|
| Power Supply Cost Recovery | First Rev. No. 45.0 | Bills issued on & after May 1, 1991 |
| Power Supply Cost Recovery (Cont'd.) | Seventh Rev. No. 45.1 | Bills issued on & after May 1, 1991 |
| TV Pole Contact Rental Rate | Original 50.0 | December 18, 1986 |



Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective:

Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case No. _____

DESCRIPTION OF TERRITORY SERVED

The Upper Peninsula Power Company supplies electric energy through its interconnected system in the counties of Alger, Baraga, Delta, Houghton, Keweenaw, Marquette, Menominee, Ontonagon and Schoolcraft. The Company also supplies such service in Iron County from a system operated separately from the interconnected system.

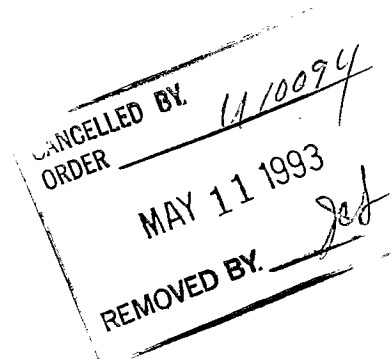
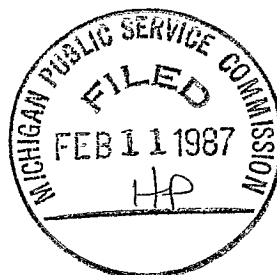
The geographical location of the service area is shown on the map included herein. Within this territory, there is an aggregate population of about 140,000.

In the districts embraced by the interconnected system, the Company serves 111 communities at retail. The Company also serves other utilities for resale in the interconnected system. These are:

Alger-Delta Cooperative Electric Association
City of Gladstone
City of Negaunee
City of Escanaba
Wisconsin Electric Power Company
Village of Baraga
Village of L'Anse

Ontonagon County Rural Electrification Association

In the Iron River District, retail service is furnished in Iron River, Stambaugh and 3 other communities and adjacent mining and rural sections.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case no. _____

Effective for electric service
rendered on and after _____

INDEX OF COMMUNITIES BY RATES APPLICABLE

Interconnected System Districts

COMMUNITIES SERVED

| | | | | |
|-------------|---------------|----------------|--------------|----------------|
| Ahmeek | Copper City | Ishpeming | Palmer | Tamarack |
| Albion | Copper Harbor | Jacobsville | Pelkie | Tamarack |
| Allouez | Cornell | Kearsarge | Pewabic | City |
| Alston | Dodgeville | Keweenaw Bay | Philipsville | Tapiola |
| Atlantic | Dollar Bay | Lake Linden | Phoenix | Tamarack |
| AuTrain | Eagle Harbor | Lake Mine | Portage | Waterworks |
| Austin | Eagle River | Lac La Belle | Entry | Toivola |
| Baltic | Eben | Laurium | Princeton | Trimountain |
| Beacon Hill | Elo | Little Lake | Quincy Mine | Twin Lakes |
| Bete Grise | Ensign | Mason | Rabbit Bay | Wells |
| Blaney | Ford River | Masonville | Rapid River | West Ishpeming |
| Blaney Park | Forest Lake | Melstrand | Redridge | Wetmore |
| Bootjack | Franklin | Mohawk | Red Jacket | White Pine |
| Boston | Freda | Mueller | Shaft | Winona |
| Calumet | Fulton | Munising | Republic | Wolverine |
| Waterworks | Location | Nahma Junction | Ripley | |
| Calumet | Germfask | National Mine | Rockland | |
| Centennial | Gratiot Lake | Nwe Swanzy | Rumely | |
| Centennial | Greenwood | New Allouez | Schaffer | |
| Heights | Gwin | Nisula | Seneca | |
| Central | Hancock | North Lake | Seney | |
| Chassell | Houghton | Ontonagon | Shingleton | |
| Chatham | Hubbell | Oskar | South Range | |
| Christmas | Humboldt | Osceola | Sundell | |
| Coburntown | Hurontown | Painesdale | Swedetown | |

RATES APPLICABLE

A-1 Residential Service - Urban and Rural
X-1 Residential Experimental Time-of-Day
AH-1 Residential Electric Heating Service -
Urban and Rural
C-1 General Service
H-1 Commercial Electric Heating Service
P-1 Light and Power Service
WP-1 Large Light and Power
M-1 Municipal Water Pumping
SL-1 Street Lighting Service - Incandescent
SL-2 Street Lighting Service - Mercury Vapor
SL-3 Street Lighting Service - Metered
SL-4 Street Lighting Service - Mercury Vapor
SL-5 Street Lighting Service - Sodium Vapor
SL-6 Street Lighting Service - Sodium Vapor
Z-1 Dusk to Dawn Outdoor Security Lighting
W-1 Off-Peak Water Heating Service

SHEET NUMBER

First Rev. No. 11.0
First Rev. No. 11.1

First Rev. No. 12.0
First Rev. No. 13.0
First Rev. No. 14.0
First Rev. No. 15.0
First Rev. No. 16.0
First Rev. No. 17.0
Original No. 18.0
First Rev. No. 19.0
First Rev. No. 20.0
First Rev. No. 21.0
First Rev. No. 21.5
First Rev. No. 21.6
First Rev. No. 22.0
First Rev. No. 23.0

Issued September 2, 1988 by

E. Argentati
President
Houghton, Michigan



Effective with the September 1988 billing cycle
Issued under authority of the
Michigan Public Service Commission
Dated August 23, 1988
In Case No. U-9127

CANCELLED BY U10094
ORDER MAY 11 1993

INDEX OF COMMUNITIES BY RATES APPLICABLE

Interconnected System Districts

COMMUNITIES SERVED

| | | | | |
|-------------|---------------|----------------|--------------|----------------|
| Ahmeek | Copper City | Ishpeming | Palmer | Tamarack |
| Albion | Copper Harbor | Jacobsville | Pelkie | Tamarack |
| Allouez | Cornell | Kearsarge | Pewabic | City |
| Alston | Dodgeville | Keweenaw Bay | Philipsville | Tapiola |
| Atlantic | Dollar Bay | Lake Linden | Phoenix | Tamarack |
| AuTrain | Eagle Harbor | Lake Mine | Portage | Waterworks |
| Austin | Eagle River | Lac La Belle | Entry | Toivola |
| Baltic | Eben | Laurium | Princeton | Trimountain |
| Beacon Hill | Elo | Little Lake | Quincy Mine | Twin Lakes |
| Bete Grise | Ensign | Mason | Rabbit Bay | Wells |
| Blaney | Ford River | Masonville | Rapid River | West Ishpeming |
| Blaney Park | Forest Lake | Melstrand | Redridge | Wetmore |
| Bootjack | Franklin | Mohawk | Red Jacket | White Pine |
| Boston | Freda | Mueller | Shaft | Winona |
| Calumet | Fulton | Munising | Republic | Wolverine |
| Waterworks | Location | Nahma Junction | Ripley | |
| Calumet | Germfask | National Mine | Rockland | |
| Centennial | Gratiot Lake | Nwe Swanzey | Rumely | |
| Centennial | Greenwood | New Allouez | Schaffers | |
| Heights | Gwinn | Nisula | Seneca | |
| Central | Hancock | North Lake | Seney | |
| Chassell | Houghton | Ontonagon | Shingleton | |
| Chatham | Hubbell | Oskar | South Range | |
| Christmas | Humboldt | Osceola | Sundell | |
| Coburntown | Hurontown | Painesdale | Swedetown | |

RATES APPLICABLESHEET NUMBER

| | |
|---|-------------------|
| A-1 Residential Service - Urban and Rural | Original No. 11.0 |
| X-1 Residential Experimental Time-of-Day | Original No. 11.1 |
| AH-1 Residential Electric Heating Service - Urban and Rural | Original No. 12.0 |
| C-1 General Service | Original No. 13.0 |
| H-1 Commercial Electric Heating Service | Original No. 14.0 |
| P-1 Light and Power Service | Original No. 15.0 |
| WP-1 Large Light and Power | Original No. 16.0 |
| M-1 Municipal Water Pumping | Original No. 17.0 |
| SL-1 Street Lighting Service - Incandescent | Original No. 18.0 |
| SL-2 Street Lighting Service - Mercury Vapor | Original No. 19.0 |
| SL-3 Street Lighting Service - Metered | Original No. 20.0 |
| SL-4 Street Lighting Service - Mercury Vapor | Original No. 21.0 |
| SL-5 Street Lighting Service - Sodium Vapor | Original No. 21.5 |
| SL-6 Street Lighting Service - Sodium Vapor | Original No. 22.0 |
| Z-1 Dusk to Dawn Outdoor Security Lighting | Original No. 23.0 |
| W-1 Off-Peak Water Heating Service | |

Issued January 12, 1987 by

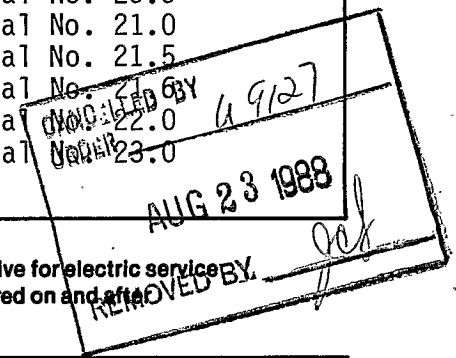
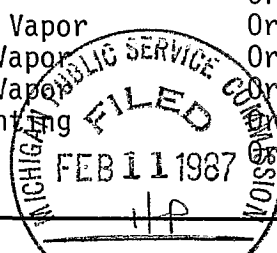
E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case no. _____

Effective for electric service
rendered on and after _____



Continued from Sheet No. 7.0
INDEX OF COMMUNITIES BY RATES APPLICABLE (Cont'd.)

Iron River District

COMMUNITIES SERVED

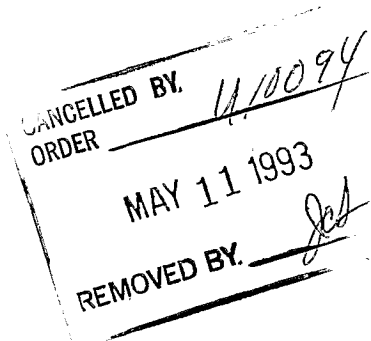
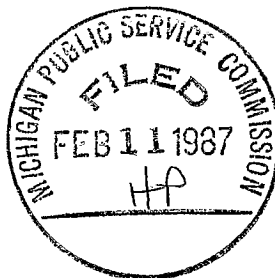
Caspian
Gaastra

Iron River
Mineral Hills

Stambaugh

RATES APPLICABLE

| | |
|--|-------------------|
| A-2 Residential Service - Urban and Rural | Original No. 30.0 |
| AH-2 Residential Electric Heating Service - Urban and Rural | Original No. 31.0 |
| C-2 General Service | Original No. 32.0 |
| H-2 Commercial Electric Heating | Original No. 33.0 |
| P-2 Light and Power Service | Original No. 34.0 |
| WP-2 Large Light and Power | Original No. 35.0 |
| M-2 Municipal Water Pumping | Original No. 36.0 |
| SL-7 Street Lighting Service - Incandescent | Original No. 37.0 |
| SL-8 Street Lighting Service - Incandescent | Original No. 38.0 |
| SL-9 Street Lighting Service - Metered | Original No. 39.0 |
| SL-10 Street Lighting Service - Sodium Vapor | Original No. 40.0 |
| Z-2 Dusk to Dawn Outdoor Security Lighting | Original No. 41.0 |
| W-2 Off-Peak Water Heating Service | Original No. 42.0 |
| SL-11 Street Lighting Service - Mercury Vapor | Original No. 44.0 |



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated _____

In Case no. _____

Effective for electric service
rendered on and after

STANDARD RULES AND REGULATIONS

Use of Service (Cont'd.)

The Company reserves the right to make special contractual arrangements as to the provision of necessary service facilities, duration of contract, minimum bills, or other service conditions with respect to customers whose establishments are remote from the Company's existing suitable facilities, or whose service requirements exceeds the capabilities of the Company system in the area, or otherwise necessitate unusual investments by the Company in service facilities or where the permanence of the service is questionable.

4. Resale of Electric Energy

Customers shall not resell to, or share with others, any electric service furnished by the Company under the terms of its filed rate schedules not applicable to such resale of energy, unless otherwise authorized by the Michigan Public Service Commission.

5. Service to Single Metering Points

Where resale of electric service exists, the Company will be under no obligation to furnish or maintain meters or other facilities for the resale of service by the reselling customer to the ultimate user.

Electric service will no longer be granted where connection is made to a single metering point for the purpose of resale to the reselling customer's ultimate user. Each user will be metered as an individual unit. For the purposes of this rule, resale will also include sales where the electric service is included in the rent.

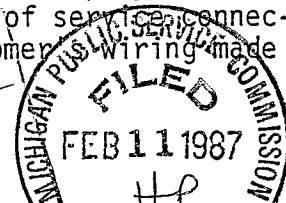
6. Point of Attachment

Where suitable service is available, the Company will install service connections from its distribution lines to a suitable point of attachment on the customer's premises designated by the Company. Where the customer requests a point of attachment other than that specified by the Company, and such alternative point of attachment is approved by the Company, the cost of installing additional intermediate supports, wires or fixtures necessary to reach the point of attachment requested by the customer, shall be borne by the customer.

Should it become necessary for any cause beyond the Company's control to change the location of the point of attachment of service connections, the entire cost of any changes in the customer's wiring made necessary thereby shall be borne by the customer.

CANCELLED BY
ORDER 44276

JAN 28 1987



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

STANDARD RULES AND REGULATIONS

Use of Service (Cont'd.)

wires or fixtures necessary to reach the point of attachment requested by the customer, shall be borne by the customer.

Should it become necessary for any cause beyond the Company's control to change the location of the point of attachment of service connections, the entire cost of any changes in the customer's wiring made necessary thereby shall be borne by the customer.

A service connection will not be made unless the customer has installed his service entrance facilities in compliance with code requirements and specifications set forth by the Company.

The customer may be required to provide at no expense to the Company space for Company facilities on the customer's premises.

For overhead service, the location of the point of attachment must be such that the Company's service conductors can be installed without attachment to the building in any other locations.

For underground service, the point of attachment may be on the building, meter pedestal, or other agreed point.

Service will be provided to meter poles for farm service or other service where more than one structure is to be supplied from a single meter. The customer shall be required to install a fused disconnect switch on the pole at his own expense in accordance with Company specifications.

7. Service to House Trailers, Vans, Buses, Used as Dwelling Units

The Company will make service connection to house trailers, vans, buses, or any other dwelling of a mobile nature without special charges, except as specified herein under Section III, when the customer owns the premises and has installed an approved septic tank and well for his own use.

If the above conditions are not met, such installation and service facilities shall be considered to be Temporary Service as applicable under Rule III, C, 2.

Effective:

January 28, 1997

Issued February 28, 1997 by

C. Fisher
President
Houghton, Michigan



Issued under authority of the
Michigan Public Service Commission

Dated January 28, 1997

In Case No. U-11276

STANDARD RULES AND REGULATIONS

Use of Service (Cont'd.)

A service connection will not be made unless the customer has installed his service entrance facilities in compliance with code requirements and specifications set forth by the Company.

The customer may be required to provide at no expense to the Company space for Company facilities on the customer's premises.

For overhead service, the location of the point of attachment must be such that the Company's service conductors can be installed without attachment to the building in any other locations.

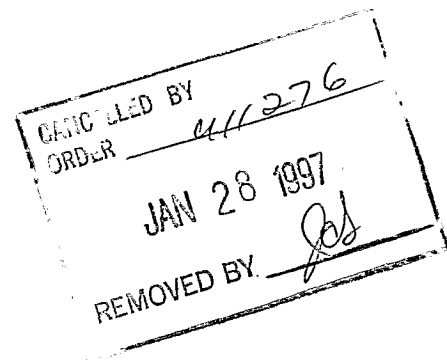
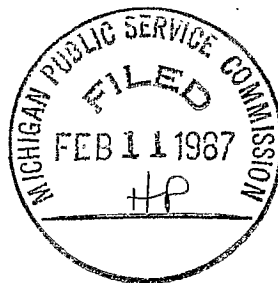
For underground service, the point of attachment may be on the building, meter pedestal, or other agreed point.

Service will be provided to meter poles for farm service or other service where more than one structure is to be supplied from a single meter. The customer shall be required to install a fused disconnect switch on the pole at his own expense in accordance with Company specifications.

7. Service to House Trailers, Vans, Buses, Used as Dwelling Units

The Company will make service connection to house trailers, vans, buses, or any other dwelling of a mobile nature without special charges, except as specified herein under Section III, when the customer owns the premises and has installed an approved septic tank and well for his own use.

If the above conditions are not met, such installation and service facilities shall be considered to be Temporary Service as applicable under Rule III, C, 2.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

STANDARD RULES AND REGULATIONS

Metering and Metering Equipment (Cont'd)

In cases of multiple buildings such as two-family flats or apartment buildings, if the meters are installed indoors, they shall be located within the premises served or at a common location readily accessible to the tenants and the Company.

An authorized representative of the Company will determine the acceptability of the meter location in all cases.

F. Special Charges

The Company will make such charges for reasonable special services as necessary to discourage abuse, and to minimize subsidy of such services by other customers. The following schedule shall apply where applicable:

Charge for any Special Services at Customer's Request -

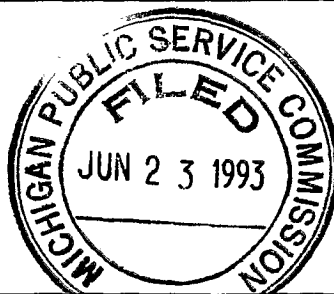
| | |
|---|-------|
| During Regular Working Hours | \$ 54 |
| Outside Regular Working Hours | \$140 |
| Meter Reading Charge | \$ 17 |
| Meter Test Charge | \$ 33 |
| Reconnect Charge - | |
| During Regular Working Hours | \$ 21 |
| Outside Regular Working Hours | \$ 58 |
| Disconnect at Pole, During Regular Working Hours | \$ 38 |
| Disconnect at Pole, Outside Regular Working Hours | \$ 92 |
| Charge for Collection in Field | \$ 17 |
| Bad Check Handling Charge | \$ 15 |
| Connections Outside Regular Working Hours | \$ 58 |

G. Other Conditions of Service

1. Service Disconnect - Service to the customer's premises may be disconnected by the Company under the following conditions:

Issued June 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

STANDARD RULES AND REGULATIONS

Metering and Metering Equipment (Cont'd)

In cases of multiple buildings such as two-family flats or apartment buildings, if the meters are installed indoors, they shall be located within the premises served or at a common location readily accessible to the tenants and the Company.

An authorized representative of the Company will determine the acceptability of the meter location in all cases.

F. Special Charges

The Company will make such charges for reasonable special services as necessary to discourage abuse, and to minimize subsidy of such services by other customers. The following schedule shall apply where applicable:

Charge for any Special Services at Customer's Request -

| | |
|---|-------|
| During Regular Working Hours | \$ 54 |
| Outside Regular Working Hours | \$140 |
| Meter Reading Charge | \$ 17 |
| Meter Test Charge | \$ 33 |
| Reconnect Charge - | |
| During Regular Working Hours | \$ 21 |
| Outside Regular Working Hours | \$ 58 |
| Disconnect at Pole, During Regular Working Hours | \$ 38 |
| Disconnect at Pole, Outside Regular Working Hours | \$ 92 |
| Collection Charge when Nonpayment Disconnect Order is Written | \$ 17 |
| Bad Check Handling Charge | \$ 15 |
| Connections Outside Regular Working Hours | \$ 58 |

G. Other Conditions of Service

1. Service Disconnect - Service to the customer's premises may be disconnected by the Company under the following conditions:

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and after May 1, 1991

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

CANCELLED BY U/0094
ORDER
MAY 11 1993
REMOVED BY JS

STANDARD RULES AND REGULATIONS

Metering and Metering Equipment (Cont'd.)

In cases of multiple buildings such as two-family flats or apartment buildings, if the meters are installed indoors, they shall be located within the premises served or at a common location readily accessible to the tenants and the Company.

An authorized representative of the Company will determine the acceptability of the meter location in all cases.

F. Special Charges

The Company will make such charges for reasonable special services as necessary to discourage abuse, and to minimize subsidy of such services by other customers. The following schedule shall apply where applicable:

| | |
|---|------|
| Charge for any Special Services at Customer's Request - | |
| During Regular Working Hours | \$25 |
| Outside Regular Working Hours | \$40 |
| Meter Reading Charge | \$10 |
| Meter Test Charge | \$20 |
| Reconnect Charge - | |
| During Regular Working Hours | \$10 |
| Outside Regular Working Hours | \$40 |
| Disconnect at Pole, During Regular Working Hours | \$25 |
| Disconnect at Pole, Outside Regular Working Hours | \$40 |
| Collection Charge when Nonpayment Disconnect Order is Written | \$10 |
| Bad Check Handling Charge | \$ 5 |
| Connections Outside Regular Working Hours | \$40 |

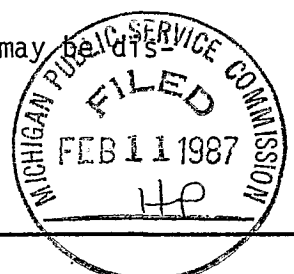
CANCELLED BY
ORDER

MAR 28 1991

REMOVED BY

G. Other Conditions of Service

1. Service Disconnect - Service to the customer's premises may be disconnected by the Company under the following conditions:



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

STANDARD RULES AND REGULATIONS

Special Charges (Cont'd)

b. Rates - The Time, Material and Vehicle rates are as follows:

- (1) Time:
7am-5pm, Monday-Saturday: \$65.00/person per hour.
5pm-7am, Monday-Saturday: \$83.60/person per hour.
Sundays and Company Holidays: \$98.30/person per hour.
- (2) Material:
The actual cost of any material, plus warehousing charges.
- (3) Vehicles:
Air Compressor: \$64.40/hour.
Backhoe: \$30.71/hour.
Heavy Duty Line Truck: \$31.04/hour.
Light Duty Aerial Truck: \$21.21/hour.
Service Truck: \$ 8.62/hour.
Trencher: \$35.21/hour.

2. Special Meter Readings

a. When the Company, at the request of the customer:

- (1) Reads a meter on a day other than the scheduled meter reading date, and/or
(2) Issues a written bill on a day other than the scheduled billing date.

The customer will be billed a \$20.00 charge unless there is a change in the customer of record.

b. The customer may read his/her meter(s) and provide the reading(s) to the Company. The Company will then calculate the amount due and provide this information to the customer verbally, at no cost, and no written bill will be issued.

3. Meter Test Charge \$33.00

4. Reconnect Charge -
During Regular Working Hours \$30.00
Outside Regular Working Hours \$75.00

Connections and reconnections will only be done outside of regular work hours due to medical emergencies.

STANDARD RULES AND REGULATIONS

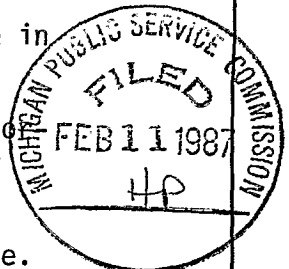
Other Conditions of Service (Cont'd.)

a. At Customer's Request

- (1) Upon Termination - The Company will disconnect service with no charge to the customer upon due notice as provided elsewhere in these rules. However, if restoration of service at the same location is requested by the same customer or property owner(s), a reconnect charge will be applied. The reconnect charge will be increased by the amount of the minimum charge in the applicable rate schedule for the months service was disconnected, provided such reconnect is made during the twelve (12) month period immediately following disconnect.
- (2) For Repairs - The Company will temporarily disconnect service to facilitate repairs or other work on the customer's equipment or premises. Special service charges as set forth in Section II, F, will be applicable.

b. At Company's Option - Commercial and Industrial
(Also see Rule II, D)

- (1) With Due Notice - The Company may disconnect service upon due notice for any of the following reasons:
 - (a) For violation of these rules and regulations.
 - (b) For failure to fulfill contractual obligations.
 - (c) For failure to provide reasonable access to the customer's premises.
 - (d) For failure to pay any bill within the established collection period.
 - (e) For failure to provide deposits as provided elsewhere in these rules.
 - (f) Upon written notice from governmental inspection authorities of condemnation of the customer's facilities or premises.
 - (g) For fraudulent representation as to the use of service.
- (2) Without Notice - The Company reserves the right to disconnect service without notice for any of the following reasons:



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

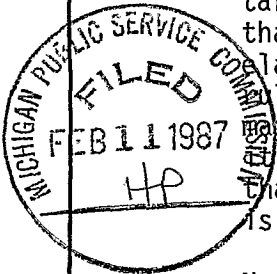
STANDARD RULES AND REGULATIONS

Other Conditions of Service (Cont'd.)

- (a) Where hazardous conditions exist in the customer's facilities.
 - (b) Where the customer's use of service adversely affects the Company's facilities or service to other customers.
 - (c) For unauthorized reconnection after disconnection with due notice.
 - (d) For unauthorized use of or tampering with the Company's service or facilities.
- (3) Reconnect - After service has been discontinued at the Company's option for any of the above reasons, service will be reconnected only after the customer has taken necessary corrective action and made satisfactory arrangement for payment of all fees and charges, including any applicable reconnect fees and deposits to guarantee payment for service.
2. Rate Application - The rates specified in this schedule are predicated upon the delivery of each class of service to a single metering point for the total requirements of each separate premises of the customer, unless otherwise provided for in these rules and regulations. In no case may service be shared with another or transmitted off the premises at which it is delivered. Service at different points and at different premises shall be separately metered and separately billed.
- a. Selection of Rates - In some cases the customer is eligible to take service under any one or two or more rates. Upon request, the Company will advise the customer in the selection of the rate which will give him the lowest cost of service, based on the information provided to the Company, but the responsibility for the selection of the rate lies with the customer.

After the customer has selected the rate under which he elects to take service, the customer will not be permitted to change from that rate to another rate until at least twelve months have elapsed. Neither will the customer be permitted to evade this rule by temporarily terminating service. However, the Company may, at its option, waive the provisions of this paragraph where it appears that an earlier change is requested for permanent rather than for temporary or seasonal advantage. The intent of this rule is to prohibit frequent shifts from rate to rate.

No refund will be made of the difference in charges under different rates applicable to the same class of service.



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STANDARD RULES AND REGULATIONS

Other Conditions of Service (Cont'd.)

b. Apartment Buildings and Multiple Dwellings - An apartment building or multiple dwelling shall be considered as one containing nine or more rooms in which single rooms, suites or groups of rooms have individual cooking and kitchen sink accommodations. Service supplied through a single meter to an apartment building or multiple dwelling containing less than three apartments may be billed on the residential service rates on a single customer basis. Service supplied through a single meter to an apartment building or multiple dwelling containing three or more apartments shall be billed in accordance with the following provisions:

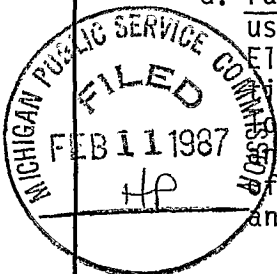
(1) Apartment Buildings or Multiple Dwellings Containing Three or Four Apartments - The customer may have the option of being billed under either the Residential Service Rate, the Residential Electric Heating Service Rate for electric heating customers, or the appropriate General Service or Commercial and Industrial Service Rate. For the purpose of billing under either the Residential Service Rate, or the Residential Electric Heating Service Rate, the initial charge, the kilowatt-hour blocks and the minimum charge shall be multiplied by the number of apartments served through one meter.

(2) Apartment Buildings or Multiple Dwellings Containing Five or More Apartments - The customer shall be billed under the appropriate General Service or Commercial and Industrial Service Rate.

(3) "Master Metering" will be limited to existing customers.

c. Homes or Dormitories for Groups Other Than Private Family Units - Service supplied through a single meter to rooming houses, dormitories, nurses' homes, and other similarly occupied buildings containing sleeping accommodations for more than six persons shall be classified as commercial and billed on the appropriate service rate.

d. Farm Service - Service shall be available to farms for residential use under either the Residential Service Rate, or the Residential Electric Heating Service Rate for heating customers, and in addition service may be used through the same meter for any purpose as long as such use is confined to service for the culture, processing and handling of products grown or used on the customer's farm. Use of service for purposes other than set forth above shall be served and billed on the appropriate General Service Rate.



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STANDARD RULES AND REGULATIONS

Other Conditions of Service (Cont'd.)

e. Year-Round Service - Service to customer at the address shown on his driver's license and voter's registration card.

f. Seasonal Service - Service to customers other than to year-round customers.

3. Power Factor Billing Adjustment

Use of energy by the Customer shall be maintained at a power factor of eighty-five percent (85%). Should the Customer's average power factor fall below eighty-five percent (85%), during the period of maximum use in a billing month, then the demand charge for billing purposes will be adjusted by applying a fraction the numerator of which shall be eighty-five percent (85%) and the denominator the actual power factor. The Company may, at its option, determine the power factor by test or by permanently installed measuring equipment.

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and after May 1, 1991

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

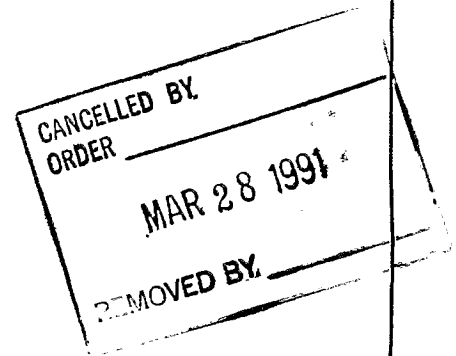
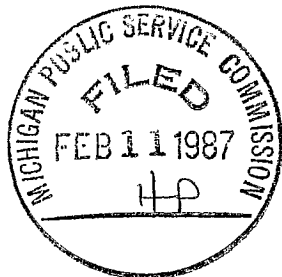
STANDARD RULES AND REGULATIONS

Other Conditions of Service (Cont'd.)

- e. Year-Round Service - Service to customer at the address shown on his driver's license and voter's registration card.
- f. Seasonal Service - Service to customers other than to year-round customers.

3. Deposits - Commercial and Industrial

- a. Amount of the deposit will be limited to not more than two (2) times the customer's estimated maximum bill.
- b. Interest on deposits will be accrued at the rate of 9% per year and will be payable annually on request or at the time the deposit is returned.
- c. Deposits will be refunded when the customer has established a satisfactory payment record with the Company. Payment on time of bills for utility service for two (2) years shall be evidence of satisfactory credit.
- d. The Company may require a new or increased deposit from an existing customer when it determines that the customer's payment record with the Company has become unsatisfactory. An unsatisfactory payment record is one consisting of two or more late payments in any twelve (12) month period or one necessitating the discontinuation of energy service.
- e. Failure to make the required deposit as a condition to receiving service shall constitute grounds for discontinuance of service.
- f. Deposits with accrued interest shall be refunded or credited to the final bill after discontinuance of service.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

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December 18, 1986

STANDARD RULES AND REGULATIONS

SECTION III. - LINE EXTENSION CONSTRUCTION POLICY

A. Definitions

1. **Line Extension:**
A line extending from the Company's existing distribution system to the customer's meter.
2. **Net Cost of Construction:**
Total cost of construction less cost of right-of-way acquisitions, permits, and clearing.
3. **Average Annual Revenue:**
The average annual revenue of the connecting customer's rate classification for the previous year, as determined by the data reported in the Company's Annual FERC Form 1 Report.
4. **Directly Connected Customer:**
Any customer who connects to an existing line extension within 60 months from the date of the original line extension agreement.

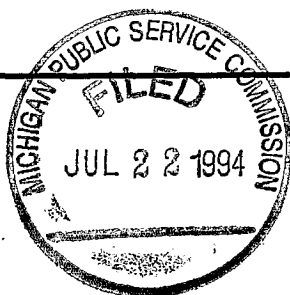
B. General

1. A preliminary estimate for any line extension, temporary service, moving or replacement of existing facilities will be provided at any time at no cost to the customer; such estimate will not become binding on the Company. A request for a firm estimate will require a \$50.00 fee, which will be credited towards the cost of the construction of the line extension. Firm estimates will be prepared according to Standard Form No. ENGEST 94-1, and a copy will be provided to the customer.
2. Payment in full for the work requested in (B.1) above will be made by the customer, in advance, to the Company, based on the firm estimate less the \$50.00 estimate fee. Upon completion of the work, the estimate will be compared with the actual cost. Should the estimate be higher than the actual cost, the difference will be refunded to the customer, without interest. If the actual cost is greater than the estimate, there will be no additional charges to the customer unless the additional cost resulted from conditions which could not have been anticipated, controlled or discovered without undue expense. In such event, the increased cost to the customer shall be no greater than 10% of the firm estimate. Payment for additional charges due to unforeseen circumstances can be made in two equal annual installments without interest.

Issued July 7, 1994

by

C. Fisher
President
Houghton, Michigan



Effective: For electric service rendered on and after June 30, 1994

Issued under authority of the
Michigan Public Service Commission

Dated June 30, 1994

In Case No. U-10564

STANDARD RULES AND REGULATIONS

SECTION III - CONSTRUCTION POLICY

This section of the rules and regulations sets forth the terms and conditions under which the Company will construct and extend its facilities to serve new loads and replace, relocate or otherwise modify its facilities.

Except where specifically stated otherwise, service extension policy is based on overhead construction and any financial participation by the customers for underground facilities shall be in addition to other charges provided for in these rules.

Contributions in aid of construction and other deposits made with the Company under the provisions of this section shall be considered nonrefundable except where provisions for refunds are specifically stated.

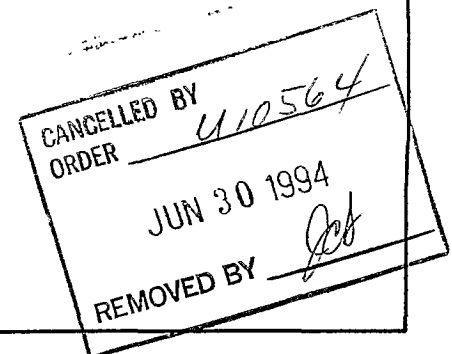
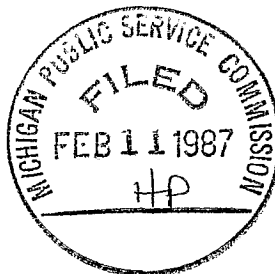
No refunds will be made in excess of the refundable amount deposited, and deposits shall not bear interest. Refunds, where applicable, will be made in accordance with the terms stated hereinafter.

Each distribution line extension shall be a separate, distinct unit and any further extension therefrom shall have no effect upon the agreements under which such extension is constructed.

A. Overhead Extension Policy

1. Residential Service

a. Charges - For each permanent, year around dwelling, the Company will provide a single-phase line extension excluding service drop at no additional charge for a distance of 600 feet, of which no more than 200 feet is a lateral extension on the customer's private property. For each permanent, seasonal type dwelling, the Company will provide at no extra charge a 200 foot extension from a main line distribution feeder. Distribution line extension in excess of the above footages will require an advance deposit of \$1.75 per foot for all such excess footage. There will also be a nonrefundable contribution equal to the cost of right of way and clearing on such excess footage. Three-phase extensions will be on the same basis as Commercial and Industrial.



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E. Argentati
President
Houghton, Michigan

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December 18, 1986

STANDARD RULES AND REGULATIONS

General (Cont'd)

3. The customer will be responsible for providing all rights-of-way easements and permits as necessary for the Company to proceed with the required work. If the customer is unable to obtain the necessary easements or permits, or an alternate route is necessary, the Company reserves the right to revise the estimate and charge the customer according to the actual costs incurred.
4. Scheduling of construction shall be done as soon as reasonably possible following payment in full by the customer. If the date scheduled for commencement of construction is not satisfactory to the customer, a date mutually agreeable will be established.
5. Where additional costs are incurred by the Company at the request of the customer, the customer shall be required to pay for such costs.
6. The Upper Peninsula of Michigan was excluded from the mandatory underground rules adopted by the Michigan Public Service Commission in Case No. U-3001.
7. Each distribution line extension shall be a separate, distinct unit and any further extension therefrom shall have no effect upon the agreements under which such extension is constructed.
8. At the request of a customer, existing overhead electric distribution service lines may be replaced with underground facilities where, in the opinion of the Company, such replacement is feasible and would not be detrimental to the electric service to other customers. Before replacement construction is started, the customer shall be required to pay the depreciated cost (net cost) of the existing overhead facilities plus the cost of removal, less the value of materials salvaged, and also pay the full cost of the underground installation.
9. The Company may designate areas where, in the Company's opinion, for aesthetic or technical reasons all installations shall be underground. All future customers in such Underground District would be subject to the applicable provisions of these rules, except that the Company reserves the right to refuse to install its facilities underground in cases where, in the Company's opinion, such construction would be impractical or present a potential detriment to other customers' service.
10. In areas other than declared underground areas, if the Company, for its own convenience, installs its facilities underground, the differential between estimated overhead construction costs and underground costs of such installation will be borne by the Company.

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C. Fisher
President
Houghton, Michigan



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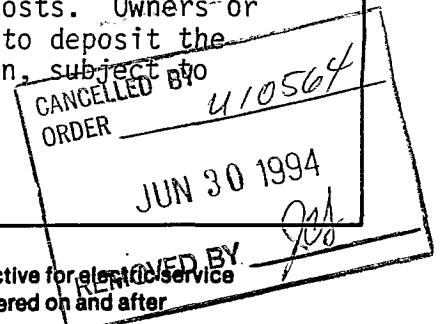
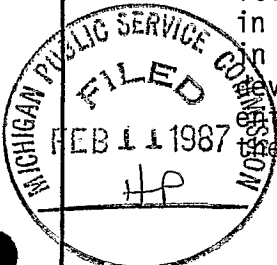
STANDARD RULES AND REGULATIONS

Overhead Extension Policy (Cont'd.)

- b. Measurement - The length of any main line distribution feeder extension will be measured along the route of the extension from the Company's nearest facilities from which the extension can be made to the customer's property line. The length of any lateral extension on the customer's property shall be measured from the customer's property line to the service pole. Should the Company for its own reasons choose a longer route, the applicant will not be charged for the additional distance, however, if the customer requests special routing of the line, the customer will be required to pay the extra cost resulting from the special routing.
- c. Refunds - During the five (5) year period immediately following the date of payment, the Company will make refunds of the charges paid for a financed extension under provisions of Paragraph (a) above. The amount of any such refund shall be \$500 for each permanent electric service subsequently connected directly to the facilities financed by the customer. Directly connected customers are those which do not require the construction of more than 300 ft. of lateral primary distribution line. Such refunds will be made only to the original contributor and will not include any amount of contribution in aid of construction for underground service made under the provisions of the Company's underground service policy as set forth in this section. The total refund shall not exceed the refundable portion of the contribution.

2. Commercial or Industrial Service

- a. Company Financed Extensions - Except for contributions in aid of construction for underground service made under the provisions of Section III, B of these rules, the Company will finance the construction cost necessary to extend its facilities to serve commercial or industrial customers when such investment does not exceed does not exceed two (2) times the annual revenue anticipated to be collected from customers initially served by the extension
- b. Charges - When the estimated cost of construction of such facilities exceeds the Company's maximum initial investment as defined in Paragraph "a", the applicant shall be required to make a deposit in the entire amount of such excess construction costs. Owners or developers of mobile home parks shall be required to deposit the entire amount of the estimated cost of construction, subject to the refund provisions of Paragraph "c".



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President
Houghton, Michigan

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STANDARD RULES AND REGULATIONS

C. Subdivisions

1. Residential subdivisions and other areas where a governmental body or owner mandates underground distribution facilities and services shall be designated as Underground Districts. The Company may also designate areas where, in the Company's opinion, such designation would be desirable for aesthetic or technical reasons. All future applicants for service in the Underground District would be subject to the applicable provisions of these rules, except that the Company reserves the right to refuse to install its facilities underground in cases where, in the Company's opinion, such construction would be impractical or present a potential detriment to other customers' service.
2. The Company will furnish, install, own, and maintain the entire underground electric distribution system, including the service lateral cables. The trenches for primary or secondary cables may be occupied jointly by facilities of the Company and other utilities where satisfactory agreement for reimbursement exists between the Company and other utilities. Company cables shall be separated by at least five (5) feet from paralleling underground facilities of other utilities, i.e. gas, water, etc., which do not share the same trench. The underground placement of all facilities shall be performed in compliance with Federal, State and local codes. The Company agrees to notify other utilities when maintenance of facilities requires digging in the easement and to comply with the requirements of MCL 460.701 et seq.
3. The service normally available from the system will be at secondary voltage, single-phase, three-wire, 60 Hz. When required, three-phase service will be made available.
4. The developer or owner must provide for recorded easements or right-of-way acceptable to the Company. The easements are to be coordinated with other utilities and will include easements for street lighting cable. The easement or right-of-way must be cleared of all trees, stumps, and obstructions to allow trenching equipment to operate. Survey stakes indicating easements, lot lines, and grade must be in place, and the developer or owner must certify to the Company that the easements are graded to within four (4) inches of final grade before the underground distribution facilities are installed.

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President
Houghton, Michigan



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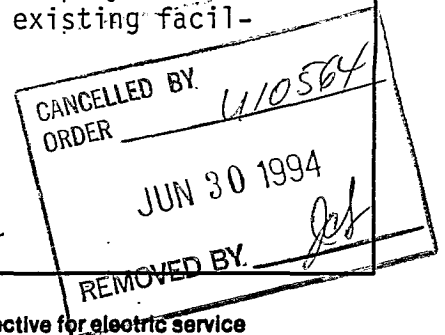
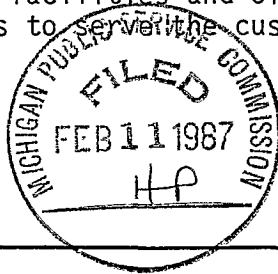
STANDARD RULES AND REGULATIONS

Overhead Extension Policy (Cont'd.)

- c. Refunds - That portion of the deposit related to the difference in the cost of underground construction and the equivalent overhead facilities shall be considered nonrefundable.

This amount shall be determined under applicable provisions of the Company's underground service policy as set forth in this section. The Company will make refunds on remaining amounts of deposits collected under the provisions of Paragraph (b) above in cases where actual experience shows that the electric revenues supplied by the customer are sufficient to warrant a greater initial investment by the Company. Such refunds shall be computed as follows:

- (1) Original Customer - At the end of the first complete 12-month period immediately following the date of initial service, the Company will compute a revised initial investment based on two (2) times the actual revenue provided by the original customer in the twelve month period. Any amount by which twice the actual annual revenue exceeds the Company's initial investment will be made available for refund to the customer; no such refund shall exceed the amount deposited under provisions of Paragraph (b) above.
- (2) Refunds for additional new customers directly connected to the financed extension during the refund period will be governed by Section III, A, 1, c.
3. Service Extensions to Loads of Questionable Permanence - When service is requested for loads of questionable permanence, such as, but not limited to, sawmills, mixer plants, gravel pits, oil wells, oil facilities, etc., the Company will install, own, operate and maintain all distribution facilities up to the point of attachment to the customer's service equipment subject to the following:
- a. Charges - Prior to commencement of construction, the customer shall make a deposit with the Company in the amount of the Company's estimated construction and removal less cost of salvage. Such estimates shall include the cost of extending the Company distribution facilities and of increasing capacity of its existing facilities to serve the customer's load.



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Houghton, Michigan

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STANDARD RULES AND REGULATIONS

Subdivisions (Cont'd)

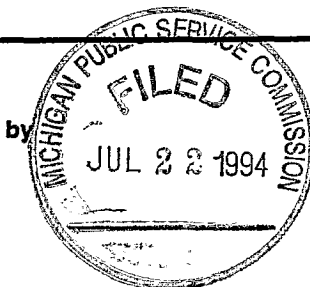
5. The developer or owner will be responsible for any cost of relocating or repairing Company facilities caused by his operations or the operations of anyone under the developer or owner's directions.
6. Any extension from an existing distribution system or subdivision shall be considered a distinct separate unit and treated accordingly.
7. All costs of installation, relocation or rearrangement of facilities shall be paid by the owner.

D. Mobile Home Parks

1. Distribution facilities in new mobile home parks shall be placed underground.
2. The Company will furnish, install, own and maintain the entire underground electric distribution system including the pre-meter portion of the service lateral cables for new mobile home parks.
3. The service for tenant loads normally available from the system will be at secondary voltage, single-phase, 120/240 volt, three wire, 60 Hz. Three-phase service will be made available for pumps and service installations only under terms of a separate agreement. Certain related equipment, such as pad-mounted transformers, switching equipment and service pedestals may be above-grade. The area must be suitable for the direct burial installation of cable.
4. The park owner must provide for each mobile home lot an industry-recognized meter pedestal that meets the National Electrical Code and all state and local ordinances.
5. All costs of installation, relocation or rearrangement of facilities shall be paid by the owner.
6. In the event the park owner requests relocation of facilities or such facilities are endangered by change in grade, the park owner shall pay the cost of the relocation or rearrangement of the facilities.
7. Mobile home parks are considered residential installations for purposes of refunding.

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C. Fisher
President
Houghton, Michigan



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STANDARD RULES AND REGULATIONS

Overhead Extension Policy (Cont'd.)

b. Refunds - At the end of each year the Company will make a refund on the amount deposited from revenues derived from the customer for electric service from the facilities covered by the deposit. The amount of such refund for any given year or part thereof shall be computed as follows:

(1) Year to year for the first four years of the deposit period.

(a) Twenty percent (20%) of the deposit if this amount is equal to or less than 20% of the new annual revenue, excluding power supply cost recovery adjustment and sales tax revenues.

(b) Twenty percent (20%) of the new annual revenue excluding power supply cost recovery adjustment and sales tax revenues if this amount is less than 20% of the deposit.

(2) The final year of the five-year refund period.

(a) If at the end of the five-year refund period, the total revenue for that period, excluding power supply cost recovery adjustment and sales tax revenues, is equal to or greater than five (5) times the original deposit, the balance of the deposit will be refunded.

(b) If at the end of the five-year refund period, the total revenue, excluding power supply cost recovery adjustment and sales tax revenue, is less than five (5) times the original deposit, the refund for the fifth year will be applied in accordance with 1, (a) or (b) above.

No refund is to be made in excess of the deposit and the deposit shall bear no interest.

B. Underground Service Policy

1. General - This portion of the rules provides for the extension and/or replacement of underground electric distribution facilities. The Upper Peninsula of Michigan was excluded from the mandatory underground rules adopted by the Michigan Public Service Commission in Case No. U-3001. The general policy of the Company is that real estate developers, property owners or other applicants for underground service shall make a contribution in aid of construction to the Company in an amount equal to the estimated difference in cost between underground and equivalent overhead facilities.

Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

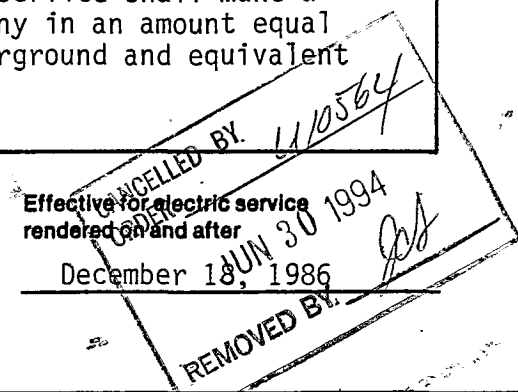
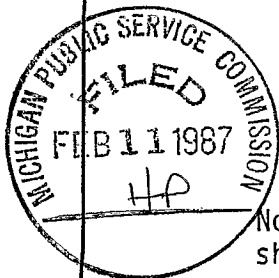
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STANDARD RULES AND REGULATIONS

E. Residential

1. Definitions

- a. Year-round Residential Service - Service to customer at address shown on driver's license and voter's registration card.
- b. Seasonal Residential Service - Service to customer other than year-round customer.

2. Charges

Actual cost of construction.

3. Refunds

- a. At the time of connection, a refund will be made to the original customer or developer of three times that customer's average annual distribution revenue, not to exceed the net cost of construction.

- b. Refunds for Direct Connections to a Residential Line Extension:

During the 60-month period immediately following the date of the original line extension agreement, the Company will make refunds, without interest, to the original residential customer for each subsequent direct connection to the line extension as follows:

1. Direct Connections - Residential

A refund will be made to the original residential customer for subsequent direct connections to the original line extension by residential service customers equal to three times the average annual distribution revenue of the directly connected customer minus the net cost of construction of that direct connection. The minimum refund shall be \$500.00.

2. Direct Connections - Commercial/Industrial

A refund will be made to the original residential customer for subsequent direct connections to the original line extension by commercial or industrial service customers equal to the first 24 months' actual distribution revenue (less sales tax) of the directly connected customer minus the net cost of construction of that direct connection. The minimum refund shall be \$500.00.

Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12650

STANDARD RULES AND REGULATIONS

E. Residential

1. Definitions

- a. Year-round Residential Service - Service to customer at address shown on driver's license and voter's registration card.
- b. Seasonal Residential Service - Service to customer other than year-round customer.

2. Charges

Actual cost of construction.

3. Refunds

- a. At the time of connection, a refund will be made to the original customer or developer of three times that customer's average annual revenue, not to exceed the net cost of construction.

- b. Refunds for Direct Connections to a Residential Line Extension:

During the 60-month period immediately following the date of the original line extension agreement, the Company will make refunds, without interest, to the original residential customer for each subsequent direct connection to the line extension as follows:

1. Direct Connections - Residential

A refund will be made to the original residential customer for subsequent direct connections to the original line extension by residential customers equal to three times the average annual revenue of the directly connected customer minus the net cost of construction of that direct connection. The minimum refund shall be \$500.00.

2. Direct Connections - Commercial/Industrial

A refund will be made to the original residential customer for subsequent direct connections to the original line extension by commercial or industrial customers equal to the first 24 months' actual revenue (less sales tax) of the directly connected customer minus the net cost of construction of that direct connection. The minimum refund shall be \$500.00.

REMOVED BY ORDER
IN CASE NO. U-
12650-412133
OCT 11 2001

Issued July 7, 1994 by

C. Fisher
President
Houghton, Michigan



Effective: For electric service rendered on and after June 30, 1994

Issued under authority of the
Michigan Public Service Commission

Dated June 30, 1994

In Case No. U-10564

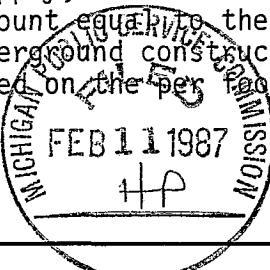
STANDARD RULES AND REGULATIONS

Underground Service Policy (Cont'd.)

Methods for determining this cost differential for specific classifications of service are provided herein. In cases where the nature of service or the construction conditions are such that these provisions are not applicable, the general policy stated above shall apply.

The Company, at the request of the developer, will install an underground electric distribution system for all new residential subdivisions, mobile home parks, multiple occupancy building complexes, and commercial subdivisions, in cooperation with the developer or owner, evidenced by a signed agreement, and in compliance with the following specific conditions:

- a. The developer or owners must provide for recorded easements or rights-of-way acceptable to the Company. The easements are to be coordinated with other utilities and will include easements for street lighting cable.
- b. The developer or owner must provide for grading the easement to finished grade or for clearing the easement of trees, large stumps and obstructions sufficiently to allow trenching equipment to operate. Survey stakes indicating easements, lot lines and grade must be in place. The developer or owner must certify to the Company that the easements are graded to within four (4) inches of final grade before the underground distribution facilities are installed.
- c. The developer or owner requesting underground construction must make a nonrefundable contribution to the Company for primary switching cabinets. When a switching cabinet is required exclusively for one customer, that customer will contribute the actual installed cost of the switching cabinet. When more than one customer is served from the switching cabinet, each customer's contribution will be the prorated total installed cost of the switching cabinet based on the number of positions required for each customer.
- d. If trenching is required where practical difficulties exist, such as in rock or in sodden ground or when boring under streets, driveways, patios or any other paved areas, the per foot charges stated in this rule shall not apply; and the contribution in aid of construction shall be an amount equal to the total cost differential between overhead and underground construction costs, but not less than the amount calculated on the per foot basis.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

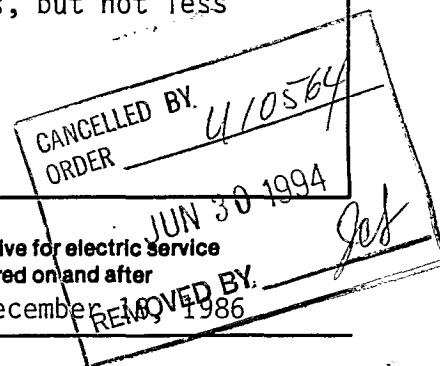
Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 1986



STANDARD RULES AND REGULATIONS

Residential (Cont'd)

- c. Notwithstanding any of the above, the total of all refunds to the original residential line extension customer or developer shall not exceed the original customer's net cost of construction.

F. Commercial/Industrial

1. Charges

Actual cost of construction.

2. Refunds

- a. An amount equal to each month's actual distribution revenue shall be credited to the original commercial/industrial customer's monthly billing, (less sales tax) for a period of 24 months. The refund shall be limited to the net cost of construction.

- b. Refunds for Direct Connections to a Commercial Line Extension:

During the 60-month period following the date of the original line extension agreement, the Company will make refunds, without interest, to the original commercial/industrial customer for each subsequent direct connection to the line extension as follows:

1. Direct Connections - Residential

A refund will be made to the original commercial/industrial customer for subsequent direct connections to the original line extension by residential service customers equal to three times the average annual distribution revenue of the directly connected customer minus the net cost of construction of that direct connection. The minimum refund shall be \$500.00.

2. Direct Connections - Commercial/Industrial

A refund will be made to the original commercial/industrial customer for subsequent direct connections to the original line extension by commercial or industrial service customers equal to the first 24 months' actual distribution revenue (less sales tax) of the directly connected customer minus the net cost of construction of that direct connection. The minimum refund shall be \$500.00.

Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12650

STANDARD RULES AND REGULATIONS

Residential (Cont'd)

- c. Notwithstanding any of the above, the total of all refunds to the original residential line extension customer or developer shall not exceed the original customer's net cost of construction.

F. Commercial/Industrial

1. Charges

Actual cost of construction.

2. Refunds

- a. An amount equal to each month's actual revenue shall be credited to the original commercial/industrial customer's monthly billing, (less sales tax) for a period of 24 months. The refund shall be limited to the net cost of construction.
- b. Refunds for Direct Connections to a Commercial Line Extension:

During the 60-month period following the date of the original line extension agreement, the Company will make refunds, without interest, to the original commercial/industrial customer for each subsequent direct connection to the line extension as follows:

1. Direct Connections - Residential

A refund will be made to the original commercial/industrial customer for subsequent direct connections to the original line extension by residential customers equal to three times the average annual revenue of the directly connected customer minus the net cost of construction of that direct connection. The minimum refund shall be \$500.00.

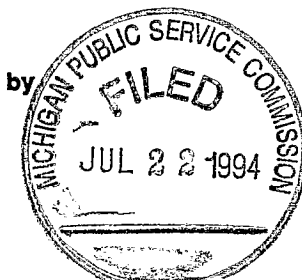
2. Direct Connections - Commercial/Industrial

A refund will be made to the original commercial/industrial customer for subsequent direct connections to the original line extension by commercial or industrial customers equal to the first 24 months' actual revenue (less sales tax) of the directly connected customer minus the net cost of construction of that direct connection. The minimum refund shall be \$500.00.

CANCELLED BY ORDER
IN CASE NO. U-
12650-12133
OCT 11 2001

Issued July 7, 1994

C. Fisher
President
Houghton, Michigan



Effective: For e removed service rendered on and after June 30, 1994

Issued under authority of the
Michigan Public Service Commission

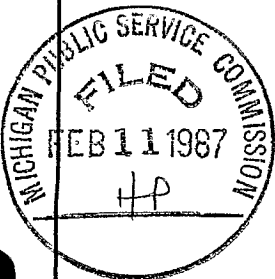
Dated June 30, 1994

In Case No. U-10564

STANDARD RULES AND REGULATIONS

Underground Service Policy (Cont'd.)

- e. The developer or owner will be responsible for any costs of relocating Company facilities to accommodate changes in grade or other changes after underground equipment is installed, and also be responsible for any damage to Company facilities caused by his operations or the operations of his contractors. An amount equal to the total costs involved, including overheads, is required for relocation or rearrangement of facilities whether specifically requested by the developer or owner, or due to the facilities becoming endangered by a change in grade.
 - f. An additional amount of \$1.00 per foot shall be added to trenching charges for practical difficulties associated with winter construction in the period from November 15 to April 30 inclusive. This charge will not apply to jobs which are ready for construction and for which the construction meeting has been held prior to September 30.
2. Residential Service - If the underground is requested, these provisions will apply to permanent dwellings. Mobile homes will be considered permanent dwellings when meeting the Company's requirements for permanent installations.
- a. New Platted Subdivisions - Distribution facilities in all new residential subdivisions in which electric distribution facilities have not already been constructed shall be placed underground, except that a lot facing a previously existing street or county road and having an existing overhead distribution line on its side of the street or county road shall be served with an underground service from these facilities and shall be considered a part of the underground service area.
- (1) Distribution System - The Company will install an underground distribution system, including primary and secondary cable and all associated equipment, to provide service to the lot line of each lot in the subdivision.
- (a) For purposes of definition, all one-family and two-family buildings on individual lots are residential. The Company will furnish, install, own and maintain the entire underground electric distribution system including the service lateral cables for new residential subdivisions. The trenches for primary or secondary main cables will be occupied jointly by facilities of the Company and other utilities where satisfactory agreement for reimbursement exists between the Company and other utilities.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

CANCELLED BY
ORDER

JUN 30 1994
REMOVED BY

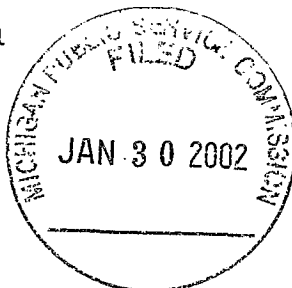
STANDARD RULES AND REGULATIONS

Commercial/Industrial (Cont'd)

- c. Notwithstanding any of the above, the total of all refunds to the original commercial/industrial line extension customer shall not exceed the original net cost of construction.

Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin

Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12650



STANDARD RULES AND REGULATIONS

Commercial/Industrial (Cont'd)

- c. Notwithstanding any of the above, the total of all refunds to the original commercial/industrial line extension customer shall not exceed the original net cost of construction.

CANCELLED BY ORDER
IN CASE NO. U-
12650 + A/B3
OCT 11 2001

REMOVED BY Qj

Issued July 7, 1994 by

C. Fisher
President
Houghton, Michigan



Effective: For electric service rendered on and after June 30, 1994

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Michigan Public Service Commission

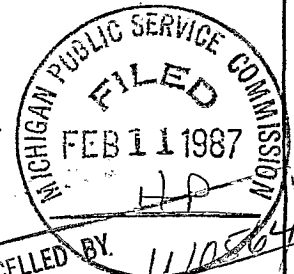
Dated June 30, 1994

In Case No. U-10564

STANDARD RULES AND REGULATIONS

Underground Service Policy (Cont'd.)

- (b) The service normally available from the system will be at secondary voltage, single-phase, three wire, 60 Hz. Three-phase service will be made available for schools, pumping stations, and other special installations only under terms of a separate agreement. Certain related equipment, such as pad-mounted transformers, switching equipment and service pedestals may be above grade. The area must be suitable for the direct burial installations of cable.
- (c) The use of the lot front-foot measurements in these rules shall not be construed to require that the underground electric distribution system be placed at the front of the lot.
- (d) Where sewer and/or water lines will parallel Company cables, taps must be extended into each lot for a distance of four (4) feet beyond the route of the cables prior to installation of the cables.
- (e) The property owner shall not make any changes in established grade in or near the easement that will interfere with utility facilities already installed. In the event the property owner requests relocation of facilities, or such facilities are endangered by change in grade, the property owner shall pay the cost of the relocation or rearrangement of the facilities.
- (i) Charges - Prior to commencement of construction, the owner or developer shall deposit with the Company an amount equal to the estimated cost of construction of the distribution system, but not less than the nonrefundable charges set forth in the following Paragraph (ii) below.
- (ii) Refunds - That portion of the deposit related to the difference in the cost of underground construction and the equivalent overhead facilities shall be considered nonrefundable. This amount shall be determined by multiplying the sum of the lot front footage for all lots in the subdivision by \$1.75; "except for those lots served by an underground service from an overhead distribution line under the provision of Section III, B, 2, a." Where underground extensions are necessary in unplatted



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after JUN 30 1994
December 18, 1986

CANCELLED BY
ORDER

REMOVED BY

RESIDENTIAL & COMMERCIAL LINE EXTENSION

UPPER PENINSULA POWER COMPANY

Form: ENGEST 94-1

RESIDENTIAL & COMMERCIAL LINE EXTENSION

DETAILED ESTIMATE OF COST

CUSTOMER'S
NAME

WORK ORDER NO. _____

MAILING ADDRESS: _____

DATE CONTACTED: _____

MAILING ADDRESS: _____ Zip _____

DATE OF EXTIMATE: _____

PHONE: (____) _____

DATE CONTRACT SIGNED: _____

PROJECT LOCATION/DESCRIPTION: _____

DATE DEPOSIT PAID: _____

LINE ORDER NO.: _____

DATE CONNECTED: _____

UPPCO CONTACT: _____ PHONE: _____

MATERIAL ESTIMATE:

UNIT MATERIALS = \$ _____
SPECIAL ITEMS = \$ _____
TRANSFORMER COST = \$ _____

=====

TOTAL MATERIAL COST = \$ _____

LABOR ESTIMATE:

STANDARDS FRAMING LABOR \$ _____
ROCK DRILLING/REMOVAL \$ _____
TRENCHING/BORING/PLOWING \$ _____
ENGINEERING/STAKING \$ _____
OVERHEADS (%) \$ _____

=====

TOTAL MATERIAL COST = \$ _____

TRANSPORTATION/EQUIPMENT

Line Trk. _____ hrs @ \$ _____ \$ _____
_____ hrs @ \$ _____ \$ _____

CONTRACT LABOR/SERVICES

Trenching/Boring/Plowing
Contractor Bid: \$ _____
Brushing/Trimming/Clearing **
Contractor Bid: \$ _____

PERMITS & EASEMENTS

Roadway/Highway Crossing ** \$ _____
Easements/Recording Fees ** \$ _____
Railroad Crossing Permit ** \$ _____

=====

TOTAL DETAILED ESTIMATE OF COST = \$ _____

NOTE: ADDITIONAL CHARGES FOR UNFORESEEN CIRCUMSTANCES SHALL
NOT EXCEED 10% OF THIS DETAILED ESTIMATE OF COST.

CREDIT: ENGINEERING ESTIMATE DEPOSIT = \$50.00

=====

TOTAL CONSTRUCTION DEPOSIT DUE = \$ _____

AVERAGE ANNUAL DISTRIBUTION REVENUE PER RATE CLASS

CREDIT: 3 X \$ _____ (-)
CREDIT: 3 X \$ _____ (-)
CREDIT: 3 X \$ _____ (-)

=====

TOTAL DISTRIBUTION REVENUE CREDIT REFUND = \$ _____

=====

TOTAL LINE EXTENSION COST = \$ _____

LESS NON-REFUNDABLE COST ** = \$ _____

=====

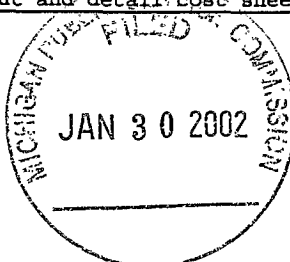
NET LINE EXTENSION COST, SUBJECT

TO REFUND WITHIN 60 MONTHS

FROM ORIGINAL CONTRACT DATE = \$ _____

Note: Engineering layout and detail cost sheets are attached.

Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12650

UPPER PENINSULA POWER COMPANY
RESIDENTIAL & COMMERCIAL LINE EXTENSION
DETAILED ESTIMATE OF COST

Form: ENGEST 94-1

CUSTOMER'S

NAME: _____
MAILING ADDRESS: _____
MAILING ADDRESS: _____ Zip _____
PHONE: () _____
PROJECT LOCATION/DESCRIPTION: _____

WORK ORDER NO. _____

DATE CONTACTED: _____
DATE OF ESTIMATE: _____
DATE CONTRACT SIGNED: _____
DATE DEPOSIT PAID: _____
LINE ORDER NO.: _____
DATE CONNECTED: _____

UPPCO CONTACT: _____ PHONE: _____

MATERIAL ESTIMATE:

UNIT MATERIALS = \$ _____
SPECIAL ITEMS = \$ _____
TRANSFORMER COST = \$ _____

TOTAL MATERIAL COST = \$ _____

LABOR ESTIMATE:

STANDARDS FRAMING LABOR = \$ _____
ROCK DRILLING/REMOVAL = \$ _____
TRENCHING/BORING/PLOWING = \$ _____
ENGINEERING/STAKING = \$ _____
OVERHEADS (%) = \$ _____

TOTAL LABOR COST = \$ _____

TRANSPORTATION/EQUIPMENT

Line Trk. _____ hrs. @ \$ _____
_____ hrs. @ \$ _____

CONTRACT LABOR/SERVICES

Trenching/Boring/Plowing _____
Contractor Bid: \$ _____
Brushing/Trimming/Clearing ** _____
Contractor Bid: \$ _____

PERMITS & EASEMENTS

Roadway/Highway Crossing ** \$ _____
Easements/Recording Fees ** \$ _____
Railroad Crossing Permit ** \$ _____

TOTAL DETAILED ESTIMATE OF COST = \$ _____

NOTE: ADDITIONAL CHARGES FOR UNFORESEEN CIRCUMSTANCES SHALL NOT EXCEED 10% OF THIS DETAILED ESTIMATE OF COST.

CREDIT: ENGINEERING ESTIMATE DEPOSIT = \$50.00

TOTAL CONSTRUCTION DEPOSIT DUE = \$ _____

AVERAGE ANNUAL REVENUE PER RATE CLASS

CREDIT: 3 X \$ _____ ()
CREDIT: 3 X \$ _____ ()
CREDIT: 3 X \$ _____ ()

TOTAL REVENUE CREDIT REFUND = \$ _____

TOTAL LINE EXTENSION COST = \$ _____

LESS NON-REFUNDABLE COST ** = \$ _____

NET LINE EXTENSION COST, SUBJECT TO REFUND WITHIN 60 MONTHS FROM ORIGINAL CONTRACT DATE = \$ _____

NOTE: Engineering layout and detail cost sheets are attached.

CANCELLED BY ORDER
IN CASE NO. U-
12650 + 12133
OCT 11 2001

REMOVED BY *af*

Issued July 7, 1994 by

C. Fisher
President
Houghton, Michigan



Effective: For electric service rendered on and after June 30, 1994

Issued under authority of the
Michigan Public Service Commission

Dated June 30, 1994

In Case No. U-10564

STANDARD RULES AND REGULATIONS

Underground Service Policy (Cont'd.)

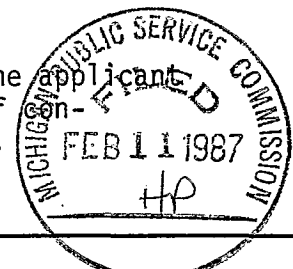
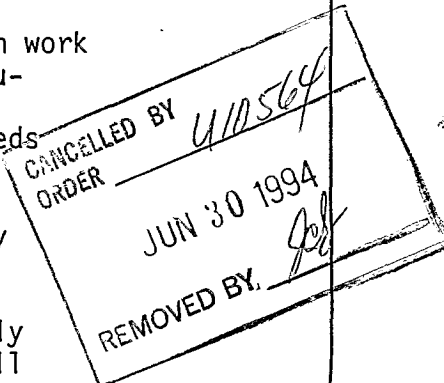
portions of the property, the nonrefundable portion of the deposit shall be computed at the rate of \$3.50 per trench foot. The balance of the deposit shall be made available to the deposit on the following basis:

(aa) Following completion of its construction work order covering construction of the distribution system, the Company will refund any amount by which its original estimate exceeds the actual construction costs. During the five (5) year period immediately following completion of the construction, the Company will refund \$500 for each permanent residential customer connected within the subdivision. Such refunds will be made only to the original depositor and in total shall not exceed the refundable portion of the deposit. The deposit shall bear no interest.

(iii) Measurement - The front-foot measurement of each lot to be served by a residential underground distribution system shall be made along the contour of the front lot line. The front lot line is that line which usually borders on or is adjacent to a street. However, when streets border on more than one side of a lot, the shortest distance shall be used. In case of a curved lot line which borders on a street or streets and represents at least two sides of the lot, the front-foot measurement shall be considered as one-half the total measurement of the curved lot line. The use of the lot front-foot measurement in these rules shall not be construed to require that the underground electric distribution facilities be placed at the front of the lot.

(2) Service Laterals - The Company will install, own, operate and maintain an underground service lateral from termination of its facilities at the property line to a metering point on each new residence in the subdivision.

(a) Contribution - For a standard installation, the applicant shall make a nonrefundable contribution in aid of construction in the amount of \$2.00 per trench foot.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

UPPER PENINSULA POWER COMPANY

SOURCES OF FINANCIAL DATA
FOR LINE EXTENSION ESTIMATE FORM (ENGEST 94-1)

| <u>Line Item</u> | <u>Source</u> |
|-------------------|---|
| Materials | Charge-out prices based on actual inventory costs in computer database |
| Labor | Union labor contract |
| Transportation | Charge-out price per Vehicle Roster |
| Contract Labor | Actual bill from Contractor |
| Permits/Easements | Actual bill from Agency |

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C. Fisher
President
Houghton, Michigan



Effective: For electric service
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Michigan Public Service Commission

Dated June 30, 1994

In Case No. U-10564

STANDARD RULES AND REGULATIONS

Underground Service Policy (Cont'd.)

(b) Measurement - The "trench feet" shall be determined by measuring from the termination of Company facilities at the property line along the route of the trench to a point directly beneath the electric meter.

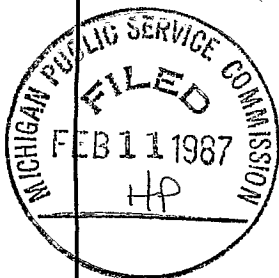
b. Other Residential Underground Facilities - At the option of the applicant(s), the Company will provide underground facilities from existing overhead facilities in unplatted areas or in subdivisions where overhead electric distribution facilities have been installed.

The Company reserves the right to refuse to install its facilities underground in cases where, in the Company's opinion, such construction would be impractical or present a potential detriment to the service to other customers. The Company may designate portions of existing subdivisions as "underground service areas" where, in the Company's opinion, such designation would be desirable for aesthetic or technical reasons. All future applicants for service in areas so designated will be provided with underground service subject to the applicable provisions of these rules.

(1) Extension of Existing Distribution Systems in Platted Subdivisions - Any such extension shall be considered a distinct separate unit, and any subsequent extensions therefrom shall be treated separately.

(a) Charges (In Addition to Those Charges Set Forth in Section III, A, 1, a) - Prior to commencement of construction, the applicant shall make a deposit in an amount equal to \$1.75 per foot for the total front footage of all lots which can be directly served in the future from the distribution system installed to serve the initial applicant. Any subsequent applicant(s) for service on these lots shall be required to make a nonrefundable contribution in aid of construction in the amount of \$1.75 per front foot for all lots owned by the subsequent applicant(s) which can be directly served from the original distribution extension.

(b) Refunds - The Company will make available for refund to the original depositor from amounts contributed in aid of construction by subsequent applicants as provided in Paragraph (a) above the amount included in the original deposit to cover the front footage of the lot(s) owned by the subsequent applicant(s). The total amount refunded shall not exceed the amount of the original deposit.



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E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

December 17, 1986
Dated

In Case no. U-8518

Effective for electric service
rendered on and after
December 18, 1986

CANCELLED BY
ORDER

JUN 30 1994

REMOVED BY

THIS RATE SHEET WAS CANCELLED

Issued July 7, 1994 by

C. Fisher
President
Houghton, Michigan



Effective: For electric service
rendered on and after June 30, 1994

Issued under authority of the
Michigan Public Service Commission

Dated June 30, 1994

In Case No. U-10564

STANDARD RULES AND REGULATIONS

Underground Service Policy Cont'd.)

will be made only to the original depositor. The Company will endeavor to maintain records for such purpose, but the depositor is ultimately responsible to duly notify the Company of refunds due; any refund not claimed within five (5) years after completion of construction shall be forfeited. Refunds made under the provisions of the paragraph shall be in addition to refunds made under the Company's overhead extension policy.

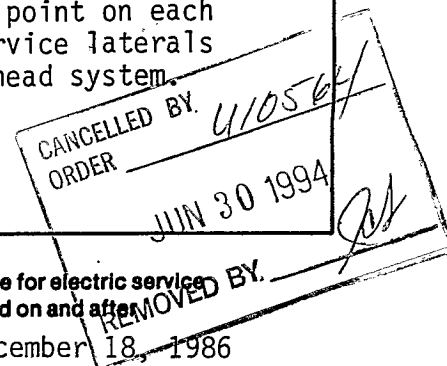
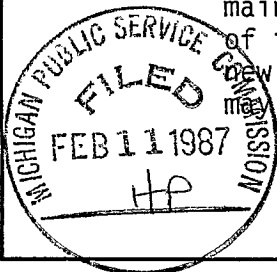
- (c) Measurement - The lot front footage used in computing charges and contributions in Paragraph (a) above shall be measured the same as for new subdivisions as set forth in Rule III, B, 2, a, (1)(c).

The front footage used in determining the amount of the original deposit or any refunds of subsequent contributions shall include only the frontage of lots directly served by the distribution system extension covered by the original deposit.

- (2) Distribution Systems in Unplatted Areas - The Company will extend its primary or secondary distribution system from existing overhead or underground facilities. When any such extension is made from an existing overhead system the property owner may be required to provide an easement(s) for extension of the overhead system to a pole on his property where transition from overhead to underground can be made.

- (a) Contribution - Prior to commencement of construction, the applicant shall make a contribution in aid of construction equal to the difference between the estimated overhead construction costs and the underground construction costs, plus a deposit based on the Company's overhead extension policy. Refunds will be based on the overhead extension refund policy and shall apply only to that portion related to the overhead deposit.

- (3) Service Laterals - The Company will install, own, operate and maintain an underground service lateral from the termination of its primary or secondary system to a metering point on each residence to be served. Such underground service laterals be served either from an underground or overhead system.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after
December 18, 1986

THIS RATE SHEET WAS CANCELLED

Issued July 7, 1994 by

C. Fisher
President
Houghton, Michigan



Effective: For electric service
rendered on and after June 30, 1994

Issued under authority of the
Michigan Public Service Commission

Dated June 30, 1994

In Case No. U-10564

STANDARD RULES AND REGULATIONS

Underground Service Policy (Cont'd.)

- (a) Contributions - When a service lateral is connected to an underground system, the applicant shall make a nonrefundable contribution in aid of construction in the amount equal to the product of the trench length in feet multiplied by \$2.00. When the service lateral is connected to existing overhead facilities, the contribution shall be \$50 plus \$2.00 per trench foot.
- (b) Measurement - The "trench length" shall be determined by measuring from the pole or underground secondary terminal to which the service lateral is connected along the route of the lateral trench to a point directly beneath the electric meter.

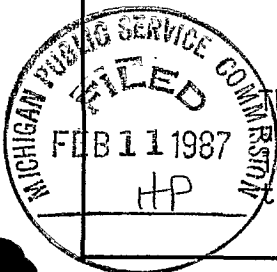
3. Nonresidential Service

- a. Commercial Service - Distribution facilities in the vicinity of new commercial loads and built solely to serve such loads will be placed underground (optional for companies serving the Upper Peninsula). This includes service to all buildings used primarily for business purposes, where the major activity is the sale of goods or services at wholesale or retail. This category shall include, but not be limited to, apartment houses, motels and shopping centers.

It shall not be mandatory that any new commercial or industrial distribution systems or service connections be placed underground where, in the Company's judgement, any of the following conditions exist:

- (1) Such facilities would serve commercial or industrial customers having loads of temporary duration; or
- (2) Such facilities would serve commercial or industrial customers in areas where little aesthetic improvement would be realized if such facilities were placed underground; or
- (3) Such facilities would serve commercial or industrial customers in areas where it is impractical to design and place such facilities underground because of uncertainty of the size and character of the loads to be ultimately served therefrom.

The Company will furnish, install, own and maintain the entire underground electric distribution system including the service lateral cables for new commercial subdivisions. Generally, the trenches will be occupied jointly by facilities of the Company and



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President
Houghton, Michigan

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STANDARD RULES AND REGULATIONS

Underground Service Policy (Cont'd.)

other utilities where satisfactory agreement for reimbursement exists between the Company and the other utilities.

The service for individual customers within a commercial subdivision will be furnished as provided for in Underground Service Connections. Certain related equipment, such as pad-mounted transformers, switching equipment, and service pedestals, may be above-grade.

In the event the developer(s), owner(s), customer(s) or tenant(s) request relocation of facilities which are endangered by change in grade, the total cost of relocation or rearrangement of the facilities shall be borne by the requesting party(s).

The Company will install underground service connections to commercial and industrial customers and other installations within designated underground districts in cooperation with the developer or owner, evidenced by a separate signed agreement, subject to the following specific conditions:

(1) When required, the developer or owner must provide suitable space and the necessary foundations and/or vaults for equipment and provide trenching, back-filling, conduits and manholes acceptable to the Company for installation of cables on his property.

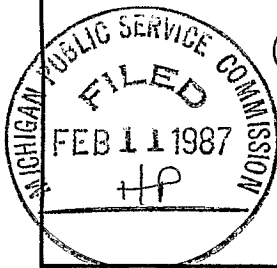
(a) Contribution - For standard installation of distribution facilities, the applicant(s) shall make a nonrefundable contribution in aid of construction in the amount equal to the product of the total of trench length in feet to the point of beginning service multiplied by \$1.90.

Transformers will be charged on an installed basis of \$4.00 per KVA.

Service, as this term is generally understood in the electric utility field (on customer's property), is charged on the basis of \$4.00 per trench foot.

(b) Measurement - "Trench length" shall be determined by measuring along the centerline of the trench as follows:

(i) Primary Extensions - Shall be measured along the route of the primary cable from the transition pole to each transformer or other primary termination.



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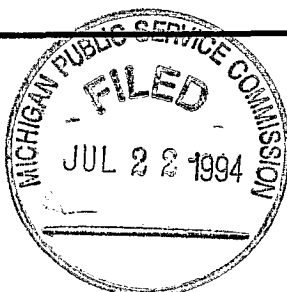
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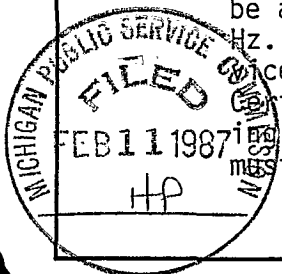
STANDARD RULES AND REGULATIONS

Underground Service Policy (Cont'd.)

- (ii) Secondary Extensions - Shall be measured from each transformer or other secondary supply terminal along the route of the secondary cable to each secondary pedestal or termination. No charge will be made for secondary cable laid in the same trench with primary cable.
- (iii) Service Laterals - Shall be measured from the pole or underground secondary terminal to which the service lateral is connected along the route of the lateral trench to the point of connection to the customer's facilities. No charge will be made for service laterals laid in the same trench with primary or secondary cable.
- b. Industrial Service - Distribution facilities in the vicinity of new industrial loads and built solely to serve such loads will be placed underground at the option of the applicant. This includes service to all buildings used primarily for the assembly, processing or manufacturing of goods.
- (1) Contribution - The applicant(s) shall make a contribution according to the provisions above for commercial service..
- c. Mobile Home Parks - Distribution facilities in new mobile home parks shall be placed underground. Extension from existing overhead systems in mobile home parks will be placed underground at the option of the park owner.

The Company will furnish, install, own and maintain the entire underground electric distribution system including the pre-meter portion of the service lateral cables for new mobile home parks. The trenches for primary or secondary main cables will be occupied jointly by facilities of the Company and other utilities where satisfactory agreement for reimbursement exists between the Company and the other utilities.

The service for tenant loads normally available from the system will be at secondary voltage, single-phase, 120/240 volt, three wire, 60 Hz. Three-phase service will be made available for pumps and service installations only under terms of a separate agreement. Certain related equipment, such as pad-mounted transformers, switch-equipment and service pedestals may be above-grade. The area must be suitable for the direct burial installation of cable.



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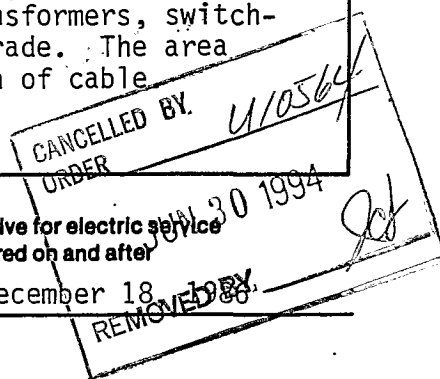
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STANDARD RULES AND REGULATIONS

Underground Service Policy (Cont'd.)

This service is limited to mobile home parks in which the service is metered by the Company at secondary voltage.

Company cables shall be separated by at least five feet from paralleling underground facilities which do not share the same trench. The park owner's cable systems, such as community antenna systems, should be in separate trenches, if possible. Subject to an agreement with the Company, these cable systems may occupy the same trench. The park owner must agree to pay a share of the trenching cost plus the extra cost of the additional backfill if required and agree to notify the other using utilities when maintenance of his cables requires digging in the easement.

The park owner must provide for each mobile home lot a meter pedestal of a design acceptable to the Company.

In the event the park owner requests relocation of facilities or such facilities are endangered by change in grade, the park owner shall pay the cost of the relocation or rearrangement of the facilities.

(1) Contribution - The park owner shall be required to make a non-refundable contribution in aid of construction as follows:

- (a) Primary and Secondary Extensions - An amount equal to the product of the total trench length in feet multiplied by \$1.90.
- (b) Service Loops or Laterals - An amount equal to the product of the total trench length in feet multiplied by \$1.90.
- (c) Transformers - \$4.00 per KVA.
- (d) Measurement - The "trench length" shall be measured the same as provided for measurement of cable trench in commercial installations.

4. Other Conditions

Obstacles to Construction - Where unusual construction costs are incurred by the Company due to physical obstacles such as, but not limited to: rock, surface water, frost, other utility facilities, heavy concentration of tree roots, or roadway crossings, the applicant(s) shall make a nonrefundable contribution in aid of



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STANDARD RULES AND REGULATIONS

Underground Service Policy (Cont'd.)

construction equal to the estimated difference in cost of the underground installation and that of equivalent overhead facilities. In no case shall this contribution be less than the per foot charges above for the type of service involved. The Company reserves the right to refuse to place its facilities under road or railroad rights-of-way in cases where, in the Company's judgment, such construction is impractical.

- b. Contribution - Prior to commencement of construction, the applicant shall make a contribution in aid of construction as required by the underground extension rules plus a contribution based on the Company's overhead extension policy. Refunds will be based on the overhead extension refund policy and shall apply only to that portion related to the overhead contribution.

- c. Geographical Exceptions -

- d. Replacement of Overhead Facilities - Existing overhead electric distribution service lines shall, at the request of an applicant(s), be replaced with underground facilities where, in the opinion of the Company, such replacement will not be detrimental to the electric service to other customers.

Before construction is started, the applicant(s) shall be required to pay the Company the depreciated cost (net cost) of the existing overhead facilities plus the cost of removal less the value of materials salvaged and also make a contribution in aid of construction toward the installation of underground facilities in an amount equal to the estimated difference in cost between the underground facilities and equivalent new overhead facilities.

- e. Underground Installations for Company's Convenience - Where the Company, for its own convenience, installs its facilities underground, the differential between estimate overhead construction costs and underground costs of such installation will be borne by the Company. All other costs will be governed by the Company's Overhead Extension Policy.

f. Underground Extensions on Adjacent Lands - When a primary extension to serve an applicant or group of applicants must cross adjacent lands on which underground construction is required by the property owner (such as on State or Federal lands) the applicant(s) shall make a contribution equal to the estimated difference in cost between the underground and equivalent overhead facilities. The Company may establish a per foot charge to be considered the difference in cost.

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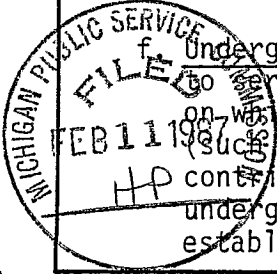
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STANDARD RULES AND REGULATIONS

Underground Service Policy (Cont'd.)

cost. Such charge shall be adjusted from time to time to reflect the Company's actual construction cost experience.

- g. Local Ordinances - The Company reserves the right, where local ordinance requirements are more stringent than these rules, to apply to the Michigan Public Service Commission for such relief as may be necessary

C. Miscellaneous General Construction Policy

Except where specifically designated as overhead or underground construction policies, the following general policies will be applied to either overhead or underground construction:

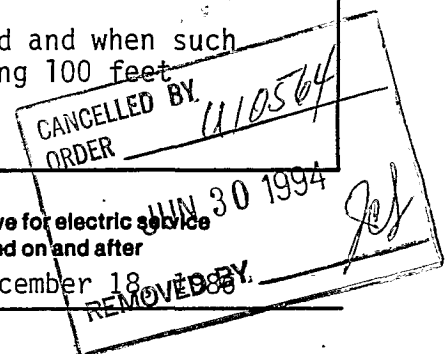
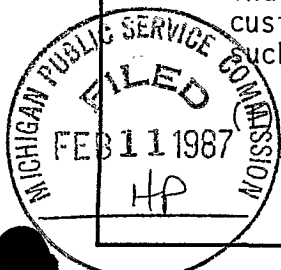
1. Easements and Permits

- a. New Residential Subdivisions - The developer of a new residential subdivision shall cause to be recorded with the plat of the subdivision a public utility easement approved by the Company for the entire plat. Such easement shall include a legal description of areas within the plat which are dedicated for utility purposes, and also other restrictions as shall be determined by the Company for construction, operation, maintenance and protection of its facilities.

- b. Other Easement and Permits - Where suitable easements do not exist, the Company will provide the necessary easement forms, and solicit their execution. The applicant(s), as a condition of service, will be ultimately responsible for obtaining all easements and permits as required by the Company, for construction, operation, maintenance and protection of the facilities to be constructed. Where State or Federal lands are to be crossed to extend service to an applicant or group of applicants, the additional costs incurred by the Company for rights-of-way and permit fees shall be borne by the applicant(s).

2. Temporary Service - Customers desiring temporary service for a short time only, such as for construction jobs, traveling shows, outdoor or indoor entertainments or exhibitions, etc., shall pay the charge per customer per month provided in applicable rate schedules. In addition, such customer shall pay installation and removal charges as follows:

When 120/240 volt single-phase service is desired and when such service can be provided at the site without exceeding 100 feet



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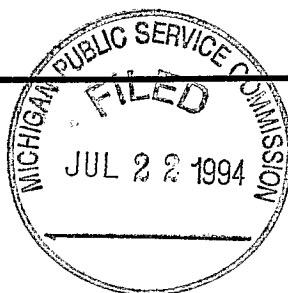
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STANDARD RULES AND REGULATIONS

Miscellaneous General Construction Policy (Cont'd.)

overhead or 10 feet underground at the time temporary service is desired, the charge for installation and removal of temporary, single-phase, three wire, 120/240 volt service shall be:

- (a) For temporary overhead service \$40.00
- (b) For temporary underground service, during the period from April 1 to December 14 \$45.00
- (c) For temporary underground service, during the period from December 15 to March 31 \$60.00

- (2) When 120/240 volt single-phase service is desired, and requires more than 100 feet overhead or 10 feet underground of extension, or if other than 120/240 volt single-phase service is desired, the charge for installation and removal shall be based on the cost thereof.

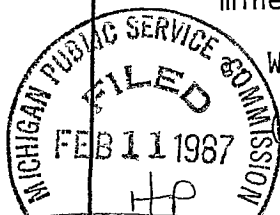
The customer shall be required to deposit in advance of construction with the Company an amount (in excess of any salvage realized) to cover the cost of installing and removing temporary facilities plus the estimated cost of service under the terms of applicable rate schedules. Meters may be read daily and the deposit modified as the energy used may justify such modifications.

If service extends for a period in excess of six consecutive months, the customer may qualify for other of the Company's available rates, provided he meets all of the applicable provisions of the filed tariffs.

3. Moving of Buildings or Equipment - When the Company is requested to assist in the moving of buildings or equipment through, under or over the Company's distribution lines, the Company will require a deposit from the mover in advance of providing such assistance. The amount of the deposit required will be based upon the Company's estimate of the probable cost, but in no event will the required deposit be less than \$100. Upon completion of moving assistance, the Company will determine actual costs and will bill or credit the mover according to the difference between actual costs and the deposit, except that the minimum actual cost will not be less than \$100. Actual costs will be determined in accordance with the following:

Within regular working hours:

- (1) Average individual wage rate applicable to employees involved.



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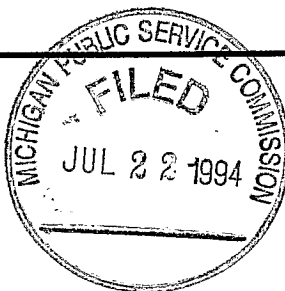
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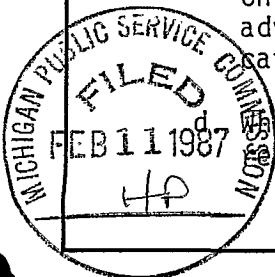
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STANDARD RULES AND REGULATIONS

Miscellaneous General Construction Policy (Cont'd.)

- (2) Actual material used.
- (3) Appropriate overhead charges.
- b. Outside regular working hours:
 - (1) Overtime wage rate applicable to employee(s) involved.
 - (2) Actual materials used.
 - (3) Appropriate overhead charges.
- c. The minimum billing for moving assistance shall not be less than \$100.00.
- 4. Relocation of Facilities
 - a. The Company will cooperate with political subdivisions in the construction, improvement or rehabilitation of public streets and highways. It is expected that the Company will receive reasonable notice so that any required relocation work can be properly scheduled.
 - b. If the Company's poles, anchors or other appurtenances are located within the confines of the public right-of way, the Company will make the necessary relocation at its own expense with exceptions:
 - (1) The facilities were originally installed within the confines of the public right-of-way at the request of the political entity.
 - (2) Existing facilities being within the confines of a new public right-of-way obtained after the construction of the Company's facilities.
 - (3) The facilities provide public services such as lighting, traffic signals, etc.
 - c. If the Company's poles, anchors or other appurtenances are located on private property, the political subdivision must agree in advance to reimburse the Company for any expenses involved in relocating its facilities.

d. When the Company is requested to relocate its facilities for reasons other than road improvements, any expense involved will be



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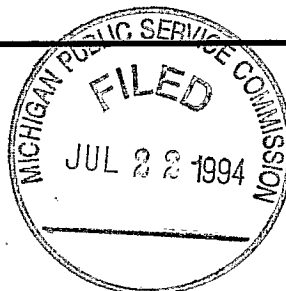
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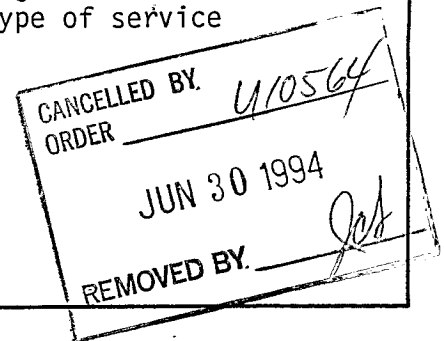
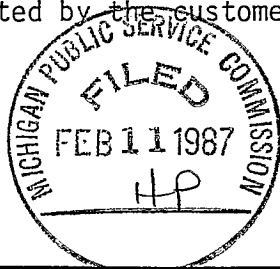
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STANDARD RULES AND REGULATIONS

Miscellaneous General Construction Policy (Cont'd.)

paid for by the firm, person or persons requesting the relocation, unless one or more of the following conditions are met:

- (1) The relocation is made for the convenience of the Company.
 - (2) The relocation is associated with other regularly scheduled conversion or construction work at the same location and can be done at the same time.
- e. Before actual relocation work is performed under Paragraph III,C,4,c and d above, the Company will estimate the cost of moving the poles, anchors or other appurtenances and an advance deposit in the amount of the estimate must be received from the firm, person or persons requesting such relocation. Upon completion of relocation work, the Company will determine the actual costs of the relocation, and the firm, person or persons requesting the relocation will be billed or credited for the difference between the advance deposit and the actual cost.
5. Construction Schedules - Scheduling of construction shall be done on a basis mutually agreeable to the Company and the applicant. The Company reserves the right not to begin construction until the customer has demonstrated to the Company's satisfaction his intent to proceed in good faith with installation of his facilities by acquiring property ownership, obtaining all necessary permits and/or, in the case of mobile homes, meeting the Company's requirements for permanency.
6. Design of Facilities - The Company reserves the right to make final determination of selection, application, location, routing and design of its facilities. Where excessive construction costs are incurred by the Company at the request of the customer, the customer may be required to reimburse the Company for such excess costs.
7. Billing - For customer(s) who fail to take service two (2) months after an extension has been completed to the premises and within the time period requested by the customer(s), the Company shall have the right, after said two (2) month period, to commence billing the customer under the Company's applicable rates and rules for the type of service requested by the customer(s).



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STANDARD RULES AND REGULATIONS

CONSUMER STANDARDS AND BILLING PRACTICES FOR
ELECTRIC AND GAS RESIDENTIAL SERVICE

PART 1. GENERAL PROVISIONS

R 460.2101 Application of rules.

Rule 1. These rules apply to residential utility service that is provided by electric and natural gas utilities that are subject to the jurisdiction of the public service commission.

R 460.2102 Definitions.

Rule 2. As used in these rules:

- (a) "Billing error" means an undercharge or overcharge that is caused by any of the following:
 - (i) An incorrect actual meter read.
 - (ii) An incorrect remote meter read.
 - (iii) An incorrect calculation of the applicable rate.
 - (iv) An incorrect connection of the meter.
 - (v) An incorrect application of the rate schedule.
 - (vi) Another similar act or omission by the utility in determining the amount of a customer's bill. An undercharge or overcharge that is caused by a nonregistering meter, a meter error, or the use of an estimated meter read or a customer read is not a billing error.
- (b) "Billing month" means a utility service consumption period of not less than 26, nor more than 35, days.
- (c) "Charges for tariff service" means the rates for tariff service and other charges authorized by the commission as an integral part of utility service.
- (d) "Commission" means the Michigan public service commission.
- (e) "Complaint" means a matter that requires follow-up action or investigation by the utility or the commission to resolve the matter.
- (f) "Complaint and information officer" means a member of the commission staff who is designated to perform responsibilities in accordance with these rules.
- (g) "Complaint determination" means the written decision of a utility hearing officer with respect to an informal hearing.
- (h) "Customer" means a purchaser of electricity or natural gas that is supplied by a utility for residential purposes.
- (i) "Cycle billing" means a system that renders bills for utility service to various customers on different days of a calendar month.
- (j) "Delinquent account" means any charges for utility service that remains unpaid at least 5 days after the due date.
- (k) "Energy usage" means the consumption of electricity or natural gas.
- (l) "Estimated bill" means a bill for energy usage that is not calculated by employing an actual reading of a meter or other measuring device.
- (m) "Gas cost recovery" means the adjustment in rates that is approved by the commission to recognize variations in the cost of purchased gas from a base level.

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By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

MICHIGAN PUBLIC
SERVICE COMMISSION

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STANDARD RULES AND REGULATIONS

SECTION V - RESIDENTIAL STANDARDS AND BILLING PRACTICES

A. Definitions as Provided in Order No. U-4240, Affecting Residential Service

Billing Month - a utility service consumption period of not less than 26 days, nor more than 35 days.

Complaint and Information Officer - a member of the Commission staff designated to perform responsibilities in accordance with these rules.

Complaint Determination - the written decision of a Utility Hearing Officer with respect to any complaint filed regarding residential utility service.

Consumer Services Division - the staff of the Commission designated to perform responsibilities in accordance with these rules.

Customer - any purchaser of electricity supplied by the Company for residential purposes.

Cycle Billing - a system employed by the Company which results in the rendition of bills for electric service to various customers on different days of any one calendar month.

Delinquent Account - a bill rendered to a customer for electric service which remains unpaid at least five days after the due date of the bill.

Discontinuance of Service - a cessation of electric service not voluntarily requested by a customer.

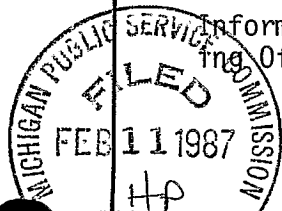
Energy Usage - the consumption of electricity sold by the Company.

Estimated Bill - a bill rendered by the Company for energy use which is not calculated or computed by employing an actual reading of a meter or other measuring device.

Power Supply Cost Recovery Clause - the automatic adjustment approved by the Commission to recognize variations in the cost of fuel for electric generation, purchased power from a base level.

In Dispute - any matter regarding a customer's electric service which is the subject of a pending disagreement, claim, or complaint by a customer.

Informal Appeal - an appeal of a complaint determination of a Utility Hearing Officer made to the Consumer Services Division of the Commission.



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STANDARD RULES AND REGULATIONS

- (n) "In dispute" means that a matter is the subject of an unresolved disagreement, claim, or complaint.
- (o) "Informal appeal" means an appeal of a complaint determination of a utility hearing officer to the commission staff.
- (p) "Informal appeal decision" means the written decision of the complaint and information officer with respect to an informal appeal.
- (q) "Inquiry" means a matter that is resolved upon the initial contact between the customer and the utility or the customer and the commission.
- (r) "Late payment charge" means a finance, service, carrying, or penalty charge that is assessed by a utility because a balance due on a bill is delinquent.
- (s) "New customer" means a customer who has not received the utility's service within the previous 6 years.
- (t) "Positive identification information" means a social security number and an identification containing a photograph.
- (u) "Power supply cost recovery" means the adjustment in rates that is approved by the commission to recognize variations in the cost of purchased power and fuel for electric generation.
- (v) "Previous customer" means a customer who has received the utility's service within the previous 6 years.
- (w) "Residential service or use" means the provision of or use of electricity or natural gas for residential purposes.
- (x) "Seasonally billed customer" means a customer who is billed on a seasonal basis in accordance with a utility tariff that is approved by the commission.
- (y) "Settlement agreement" means a written agreement that is entered into by a customer and a utility and that resolves any matter in dispute or provides for the payment of amounts not in dispute over a reasonable period of time.
- (z) "Shutoff of service" means a discontinuance of utility service that is not voluntarily requested by a customer.
- (aa) "Space heating season" means the period between December 1 and March 31.
- (bb) "Termination of service" means a cessation of utility service that is voluntarily requested by a customer.
- (cc) "Transmit" means to convey or dispatch.
- (dd) "Utility" means a person, firm, corporation, cooperative, association, or other agency that is subject to the jurisdiction of the commission and that distributes and sells electricity or natural gas for residential use.

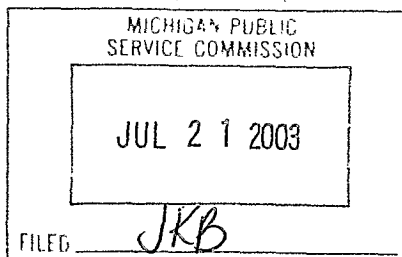
R 460.2103 Discrimination prohibited.

Rule 3. A utility shall not discriminate against or penalize a customer for exercising any right granted by these rules.

R 460.2104 Form of proceedings.

Rule 4. The informal procedures required by these rules shall not constitute a contested case as defined by section 3 of Act No. 306 of the Public Acts of 1969, as amended, being §24.203 of the Michigan Compiled Laws.

Issued: 6-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin



Effective for Service
On and After: 6-1-03
Issued Under Auth. of
Mich Public Serv Comm
Dated 9-3-99
In Case No: U-11397

STANDARD RULES AND REGULATIONS

Definitions as Provided in Order No. U-4240, Affecting Residential Service
(Cont'd.)

Informal Appeal Decision - the written determination of the Consumer Services Division with respect to an informal appeal.

Late Payment Charge - finance, service, carrying, or penalty charge assessed by the Company upon the bill of a customer for the reason that any balance due and owing upon the bill remains outstanding beyond the period of time established for payment.

Residential Service or Use - the provision or use of electricity for residential purposes.

Seasonally Billed Customer - residential customer billed on a seasonal basis in accordance with the Company tariff on file with the Commission.

Settlement Agreement - a written agreement entered into by a customer and the Company which purports to resolve any matter in dispute between the parties or provides for the payment of moneys not in dispute over a reasonable period of time.

Space Heating Season - the period between December 1 and March 31.

Termination - a cessation of Company service voluntarily requested by the customer.

Utility - a person, firm, corporation, cooperative, association, or other agency subject to the jurisdiction of the Public Service Commission, which distributes and sells electricity for residential use.

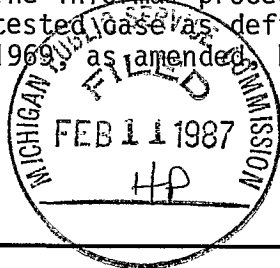
Utility Service Charges - the rates for utility service and other charges authorized by the Commission as an integral part of utility service.

B. Discrimination Prohibited

A utility shall not discriminate against nor penalize a customer for exercising any right granted by these rules.

C. Form of Proceedings

The informal procedures required by these rules shall not constitute a contested case as defined by Section 3 of Act No. 306 of the Public Acts of 1969, as amended, being Section 24.203 of the Michigan Compiled Laws.



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| CANCELLED BY |
| ORDER <u>U-11397</u> |
| REMOVED BY <u>JKB</u> |
| DATE <u>7-21-03</u> |

Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after
December 18, 1986

STANDARD RULES AND REGULATIONS

R 460.2105 Additional rules.

Rule 5. A utility may adopt additional rules governing relations with its customers that are reasonable and necessary and that are not inconsistent with these rules. The utility's rules shall be an integral part of its tariffs and shall be subject to approval by the commission. If there is a conflict between these rules and a utility's rules or tariffs, these rules govern.

PART 2. BILLING AND PAYMENT STANDARDS

R 460.2111 Billing frequency; method of delivery.

Rule 11. A utility shall transmit a bill each billing month to its customers in accordance with approved rate schedules. A utility shall transmit a bill to customers by mail unless the utility and the customer agree in writing to another method of delivery. A utility that is authorized to seasonally bill customers or to use a customer read system shall transmit a bill in accordance with the tariffs approved by the commission.

R 460.2112 Estimated billing.

Rule 12.

- (1) A utility may estimate the bill of a residential customer every other billing month. A utility may estimate the bills more or less often upon a finding by the commission that those procedures assure reasonable billing accuracy. A bill that is rendered on an estimated basis shall be clearly and conspicuously identified as such. A utility shall not render an estimated bill unless the estimating procedures employed by the utility and any substantive changes to those procedures have been approved by the commission.
- (2) A utility may render estimated bills to seasonally billed customers in accordance with the tariffs approved by the commission.
- (3) Notwithstanding the provisions of subrule (1) of this rule, a utility may estimate the bill of a customer if extreme weather conditions, emergencies, work stoppages, or other circumstances beyond the control of the utility prevent an actual meter reading.
- (4) If the utility is unable to gain access to read a meter, then the utility shall use reasonable alternative measures to obtain an actual reading, including mailing or leaving postage-paid, pre-addressed postcards upon which the customer may note the reading. If the customer fails to comply with those alternative measures or makes reading the meter unnecessarily difficult, then the utility may transmit an estimated bill notwithstanding the provisions of subrule (1) of this rule. If a utility cannot obtain an actual reading under this subrule, then the utility shall maintain records of the reasons and its efforts to secure an accurate reading.

R 460.2113 Customer meter reading.

Rule 13. A utility shall provide each customer with the opportunity to read and report energy usage as long as the customer reports energy usage on a regular and accurate basis. A utility shall provide postage-paid, pre-addressed postcards for this purpose upon request. At least once every 12 months, a utility shall obtain an actual meter reading of energy usage to verify the accuracy of readings reported in this manner. Notwithstanding the provisions of this rule, a utility may read meters on a regular basis.

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By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

MICHIGAN PUBLIC
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In Case No: U-11397

D. Billing Frequency

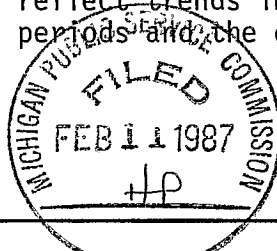
The Company shall render a bill once during each billing month to every residential customer in accordance with approved rate schedules. Bills to seasonally billed customers and bills by a utility authorized to use a customer read and self-billing system shall be rendered in accordance with the tariff on file with the Commission.

E. Estimated Billing

1. The Company may estimate the bill of any residential customer every other billing month. The Company may estimate bills upon a different frequency upon a finding by the Commission that such procedures assure reasonable billing accuracy. Any bill rendered on an estimated basis shall be clearly and conspicuously identified. The Company shall not render an estimated bill unless the estimating procedures employed by the Company and any substantive changes in those procedures have been approved by the Commission.
2. The Company may render estimated bills to seasonally billed customers in accordance with the tariff on file with the Commission.
3. Notwithstanding the provisions of sub-rule 1, the Company may estimate the bill of any residential customer if extreme weather conditions, emergencies, work stoppages, or other circumstances of force majeure prevent actual meter readings.
4. If the Company is unable to gain access to read a meter, the Company shall undertake reasonable alternative measures to obtain an actual reading, including mailing or leaving postpaid pre-addressed postcards upon which the customer may note the reading. If the customer fails to comply with such alternative measures, or makes reading of the meter unnecessarily difficult, the Company may render an estimated bill notwithstanding sub-rule 1. When an actual reading cannot be obtained, the Company shall maintain accurate records of the reasons therefore and efforts it has made to secure the actual reading.

When it is necessary to estimate a customer's usage for billing purposes in lieu of using an actual meter reading, the estimate will be based on the actual usage for the same period during previous years using average kwh/day figures.

Where computer estimating and billing permits, the above arrived at estimate shall be adjusted to reflect trends in the customer's usage during the two previous billing periods and the degree day temperature variation if appropriate.



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ORDER 11-11397

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7-21-03

DATE 11-11-87
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Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

December 18, 1986

STANDARD RULES AND REGULATIONS

R 460.2114 Equal monthly billing.

Rule 14. A utility may bill a customer under an equal monthly billing program, at the choice of the customer, upon a finding by the commission that the program assures reasonable billing accuracy. If a customer has a credit balance of more than \$2.00 at the end of the program year, upon the request of the customer, the utility shall return the credit balance.

N *Customers may participate in the Company's equal monthly billing program which*
N *is called the Budget Billing Plan as it is described on Sheets No. 9.14 to 9.16.*

R 460.2115 Cycle billing.

Rule 15. A utility may use cycle billing if each customer receives a bill on or about the same day of each billing month. If a utility changes meter reading routes or schedules, it may change billing cycles upon 10 days' written notice to the affected customers.

R 460.2116 Payment of bill.

Rule 16. A utility shall permit each customer a period of not less than 17 days from the date the bill was transmitted to pay in full, unless the customer agrees in writing to a different period.

N *Customers may choose the due date of their electric bill utilizing the voluntary*
N *Preferred Due Date Billing Service as described on Sheets No. 9.16 to 9.17.*

R 460.2117 Payment period.

Rule 17. The date of transmitting a bill is the date the utility mails the bill. For bills that are delivered other than by mail, the date of transmitting a bill is the date that the utility conveys or dispatches the billing information to the customer in accordance with the method of delivery that the customer and the utility agreed to use. If the last day for payments falls on a Sunday, legal holiday, or other day when the offices of the utility regularly used for the payment of customers' bills are not open to the general public, the payment date shall be extended through the next business day.

R 460.2118 Allowable charges.

Rule 18.

- (1) Except as otherwise provided by statute, a utility shall bill each customer for the amount of natural gas or electricity consumed and any other approved charges in accordance with the rates and tariffs approved by the commission.
- (2) A utility may assess a late payment charge that is not more than 2%, not compounded, of the portion of the bill, net of taxes, that is delinquent. A utility shall not assess a late payment charge against a customer who is participating in the winter protection plan described in R 460.2174.

R 460.2119 Bill information.

Rule 19. A bill that is transmitted by a utility shall state clearly all of the following information:

(a) The beginning and ending meter readings and dates for the billing period. A utility that is authorized to use a customer read system need not provide this information.

STANDARD RULES AND REGULATIONS

R 460.2114 Equal monthly billing.

Rule 14. A utility may bill a customer under an equal monthly billing program, at the choice of the customer, upon a finding by the commission that the program assures reasonable billing accuracy. If a customer has a credit balance of more than \$2.00 at the end of the program year, upon the request of the customer, the utility shall return the credit balance.

1. Definition: The Budget Billing Plan distributes the estimated annual payments required into equal amounts over a 12-month period to lessen the impact of large bills incurred in a few consecutive months.
2. Availability: The Budget Billing Plan is available to all prospective and existing year-round residential and commercial customers. A budget payment plan may be established at any time of the year.
3. Budget Amount and Administration: The monthly budget amount shall be calculated by the Company on the basis of the estimated consumption and estimated applicable rates through the end of the budget year. A budget year begins with the customer's first bill on the budget plan and ends after 12 months.

An applicant for a budget plan shall be informed at the time of application, that budget amounts shall be reviewed and changed every six months, if necessary, in order to reflect current circumstances. Adjustments to the budget amount will be made with the objective that the customer's underbilled or overbilled balance in the 12th month of the budget year shall be equal to one-month's budget amount. Customers on the budget payment plan shall be notified of adjustments through either a bill insert or message on the bill. When an adjustment is made to a budget payment amount, the customer will be informed of the adjustment at the same time the bill containing the adjustment is rendered.

Customers who have arrearages shall be allowed to establish a budget payment plan by signing a Settlement Agreement for the arrears. The Settlement Agreement payment amount is not subject to the late payment charge. However, budget payment plans shall be subject to the late payment charge. In addition, if a budget payment is not paid, the customer shall be notified with the next billing that if proper payment is not received subsequent to this notification, the next regular billing may effectuate the removal of the customer from the budget and reflect the appropriate amount due.

At the end of the budget year, if an underbilled or overbilled balance exists in a customer's account, the balance shall be handled as follows:

- a. A customer's debit balance will be consolidated into the new budget amount or, at the customer's option, will be paid in full or on a deferred basis.
- b. A customer's credit balance will be applied against the customer's account or, at the customer's option, a refund will be made or it will be consolidated into the new budget amount. If a customer has a credit balance of more than \$2 at the end of the program year, upon the request of the customer, the utility shall return the credit balance.

Issued: 6-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

MICHIGAN PUBLIC
SERVICE COMMISSION

JUL 21 2003

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Effective for Service
On and After: 6-1-03
Issued Under Auth. of
Mich Public Serv Comm
Dated 11-16-99
In Case No: U-12092

STANDARD RULES AND REGULATIONS

Estimated Billing (Cont'd.)

Where the estimating must be done by hand, as many of the above factors will be reflected as may be reasonably feasible, together with the estimator's knowledge of the customer's usage and conditions of service.

F. Customer Meter Reading

The Company shall provide each customer with the opportunity to read and report energy usage as long as energy usage is reported on a regular and accurate basis and shall provide postpaid pre-addressed postcards for this purpose upon request. At least annually, the Company shall obtain an actual meter reading of customer usage in order to verify the accuracy of readings reported in this manner. This rule shall not prevent the Company from reading meters on a regular basis.

G. Equal Monthly Billing or Budget Billing

1. *Definition: The Budget Billing Plan distributes the estimated annual payments required into equal amounts over a 12-month period to lessen the impact of large bills incurred in a few consecutive months.*
2. *Availability: The Budget Billing Plan is available to all prospective and existing year-round residential and commercial customers. A budget payment plan may be established at any time of the year.*
3. *Budget Amount and Administration: The monthly budget amount shall be calculated by the Company on the basis of the estimated consumption and estimated applicable rates through the end of the budget year. A budget year begins with the customer's first bill on the budget plan and ends after 12 months.*

An applicant for a budget plan shall be informed at the time of application, that budget amounts shall be reviewed and changed every six months, if necessary, in order to reflect current circumstances. Adjustments to the budget amount will be made with the objective that the customer's underbilled or overbilled balance in the 12th month of the budget year shall be equal to one month's budget amount. Customers on the budget payment plan shall be notified of adjustments through either a bill insert or message on the bill. When an adjustment is made to a budget payment amount, the customer will be informed of the adjustment at the same time the bill containing the adjustment is rendered.

Customers who have arrearages shall be allowed to establish a budget payment plan by signing a Settlement Agreement for the arrears. The Settlement Agreement payment amount is not subject to the late payment charge. However, budget payment plans shall be subject to the late payment charge. In addition, if a budget payment is not paid, the customer shall be notified with the next billing that if proper payment is not received subsequent to this notification, the next regular billing may effectuate the removal of the customer from the budget and reflect the appropriate amount due.

CANCELLED BY
ORDER U-12092
REMOVED BY JKB
DATE 7-21-03

Issued: November 17, 1999

By: C. Fisher, President/CEO
Houghton, Michigan



Effective for Service
On and After: November 17, 1999

Issued under the authority of the
Michigan Public Service Commission
Order dated November 16, 1999, in
Case No. U-12092.

STANDARD RULES AND REGULATIONS

Estimated Billing (Cont'd.)

Where the estimating must be done by hand, as many of the above factors will be reflected as may be reasonably feasible, together with the estimators's knowledge of the customer's usage and conditions of service.

F. Customer Meter Reading

The Company shall provide each customer with the opportunity to read and report energy usage as long as energy usage is reported on a regular and accurate basis and shall provide postpaid pre-addressed postcards for this purpose upon request. At least annually, the Company shall obtain an actual meter reading of customer usage in order to verify the accuracy of readings reported in this manner. This rule shall not prevent the Company from reading meters on a regular basis.

G. Equal Monthly Billing or Budget Billing

The Company may bill its customers in accordance with equal monthly billing programs at the election of the Company customer upon a finding by the Commission that such programs assure reasonable billing accuracy.

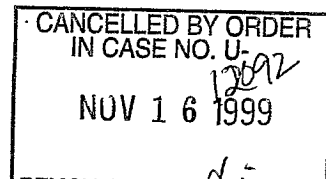
Budget billing is available to A-1, A-2, AH-1, AH-2, C-1, C-2, H-1, and H-2 except Seasonal Residential and Commercial customers.

The amount of the equal payment bills will be based on estimated usage in order that the account will be paid up by July 1 of each year. Any difference between the sum of the equal monthly payments and the amount due based on the actual monthly usage for the period will be corrected by a credit or debit, as appropriate, to the bill rendered in June of each year.

The amount of the equal monthly payment will be adjusted from time to time to reflect rate changes approved by the Michigan Public Service Commission, changes in usage of the service by the customer and corrections to the estimate of the customer's annual usage.

H. Cycle Billing

The Company may bill its customers on a cyclical basis, if the individual customer receives each billing on or about the same day of each billing month. If the customer changes meter reading routes or schedules, billing cycles may be altered upon ten (10) days written notice to the affected customer.



REMOVED BY *[Signature]*

Issued April 4, 1991 by

Effective: Bills issued on and after May 1, 1991

E. Argentati
President
Houghton, Michigan



Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

STANDARD RULES AND REGULATIONS

Estimated Billing (Cont'd.)

Where the estimating must be done by hand, as many of the above factors will be reflected as may be reasonably feasible, together with the estimators's knowledge of the customer's usage and conditions of service.

F. Customer Meter Reading

The Company shall provide each customer with the opportunity to read and report energy usage as long as energy usage is reported on a regular and accurate basis and shall provide postpaid pre-addressed postcards for this purpose upon request. At least annually, the Company shall obtain an actual meter reading of customer usage in order to verify the accuracy of readings reported in this manner. This rule shall not prevent the Company from reading meters on a regular basis.

G. Equal Monthly Billing or Budget Billing

The Company may bill its customers in accordance with equal monthly billing programs at the election of the Company customer upon a finding by the Commission that such programs assure reasonable billing accuracy.

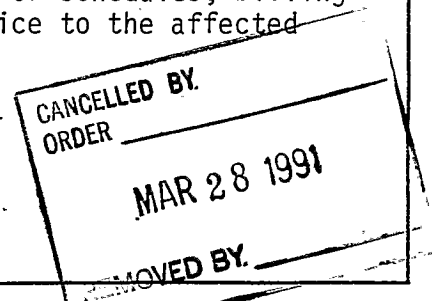
Budget billing is available to all Residential Customers except Seasonal.

The amount of the equal payment bills will be based on estimated usage in order that the account will be paid up by July 1 of each year. Any difference between the sum of the equal monthly payments and the amount due based on the actual monthly usage for the period will be corrected by a credit or debit, as appropriate, to the bill rendered in June of each year.

The amount of the equal monthly payment will be adjusted from time to time to reflect rate changes approved by the Michigan Public Service Commission, changes in usage of the service by the customer and corrections to the estimate of the customer's annual usage.

H. Cycle Billing

The Company may bill its customers on a cyclical basis, if the individual customer receives each billing on or about the same day of each billing month. If the customer changes meter reading routes or schedules, billing cycles may be altered upon ten (10) days written notice to the affected customer.



Issued May 30, 1990 by

E. Argentati
President
Houghton, Michigan



Effective for electric service
rendered on and after
July Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated May 18, 1990

In Case No. U-9606

STANDARD RULES AND REGULATIONS

Estimated Billing (Cont'd.)

Where the estimating must be done by hand, as many of the above factors will be reflected as may be reasonably feasible, together with the estimators's knowledge of the customer's usage and conditions of service.

F. Customer Meter Reading

The Company shall provide each customer with the opportunity to read and report energy usage as long as energy usage is reported on a regular and accurate basis and shall provide postpaid pre-addressed postcards for this purpose upon request. At least annually, the Company shall obtain an actual meter reading of customer usage in order to verify the accuracy of readings reported in this manner. This rule shall not prevent the Company from reading meters on a regular basis.

G. Equal Monthly Billing or Budget Billing

The Company may bill its customers in accordance with equal monthly billing programs at the election of the Company customer upon a finding by the Commission that such programs assure reasonable billing accuracy.

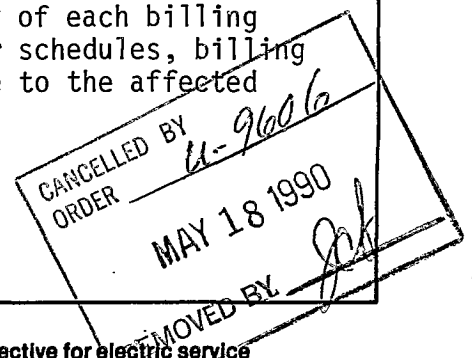
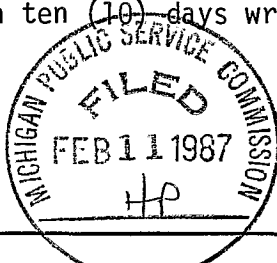
Budget billing is available to customers with permanently installed heating and/or air-conditioning equipment.

The amount of the equal payment bills will be based on estimated usage in order that the account will be paid up by July 1 of each year. Any difference between the sum of the equal monthly payments and the amount due based on the actual monthly usage for the period will be corrected by a credit or debit, as appropriate, to the bill rendered in June of each year.

The amount of the equal monthly payment will be adjusted from time to time to reflect rate changes approved by the Michigan Public Service Commission, changes in usage of the service by the customer and corrections to the estimate of the customer's annual usage.

H. Cycle Billing

The Company may bill its customers on a cyclical basis, if the individual customer receives each billing on or about the same day of each billing month. If the customer changes meter reading routes or schedules, billing cycles may be altered upon ten (10) days written notice to the affected customer.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after
December 18, 1986

STANDARD RULES AND REGULATIONS

Cancelled

Issued: 6-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

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| MICHIGAN PUBLIC SERVICE COMMISSION |
| JUL 21 2003 |
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STANDARD RULES AND REGULATIONS

Equal Monthly Billing or Budget Billing, Cont'd

At the end of the budget year, if an underbilled or overbilled balance exists in a customer's account, the balance shall be handled as follows:

- a. *A customer's debit balance will be consolidated into the new budget amount or, at the customer's option, will be paid in full or on a deferred basis.*
 - b. *A customer's credit balance will be applied against the customer's account or, at the customer's option, a refund will be made or it will be consolidated into the new budget amount. If a customer has a credit balance of more than \$2 at the end of the program year, upon the request of the customer, the utility shall return the credit balance.*
4. *Determination of Budget Amount: The regular budget amount is determined by dividing the estimated annual billing for all service, including yard lighting, by 12. The result is rounded to the next higher whole dollar. The estimated annual billing may be determined by heat loss calculations, analysis of previous use, estimated normal use, or any combination thereof.*
5. *Billing Method: The difference between actual service used and the budget amount is calculated monthly during the budget year. The adjustment may be a charge or credit to make the amount due for current service, including yard lighting, equal to the budget amount. The adjustment is printed on all bills during the customer's budget year.*

All budget accounts are billed as scheduled each month. The readings are estimated if an actual reading is not obtained. The adjustment to any "late cycle" billing of budget accounts is made equal to the amount of the billing, since the budget amount has already been billed.

The difference between the actual billing and budget amount (the adjustment) is accumulated each month as "not due". The not due balance, including the current adjustment, is printed at the bottom of the bill and may be a charge or credit.

The amount remaining as "not due" is applied to the bill due at the end of the customer's budget year unless the customer discontinues service before that time or the budget is canceled. If the budget amount is accurate, the weather is normal, and there are no rate or tax changes, the balance should be roughly equal to the budget amount. The "not due" balance is applied to the final bill if the customer discontinues service.

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| DATE | <u>7-21-03</u> |

Issued: November 17, 1999

By: C. Fisher, President/CEO
Houghton, Michigan



Effective for Service
On and After: November 17, 1999

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Order dated November 16, 1999, in
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STANDARD RULES AND REGULATIONS

Cancelled

Issued: 6-1-03
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Ass't VP Regulatory Affairs
Green Bay, Wisconsin

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SERVICE COMMISSION

JUL 21 2003

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Dated 9-3-99
In Case No: U-11397

UPPER PENINSULA POWER COMPANY

(Continuation of Revised Text for Equal Monthly Billing;
Correction of Typos in Cycle Billing)

STANDARD RULES AND REGULATIONS

6. *Interest on Budget Credit Balances: Simple interest at the rate of 6% per annum will be paid on net credit balances (offset by debits) of the budget balance not due amounts. The customer's account will be credited on the billing for the last month of the budget year on his/her anniversary or when the account is removed from the budget plan.*

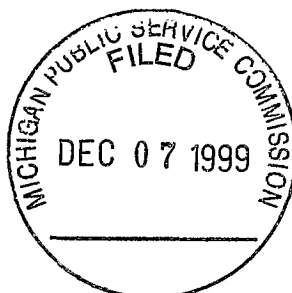
H. Cycle Billing

The Company may bill its customers on a cyclical basis, if the individual customer receives each billing on or about the same day of each billing month. If the *Company* changes *the customer's* meter reading routes or schedules, billing cycles may be altered upon ten (10) days written notice to the affected customer.

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| ORDER | <u>U-11397</u> |
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| DATE | <u>7-21-03</u> |

Issued: November 17, 1999

By: C. Fisher, President/CEO
Houghton, Michigan



Effective for Service
On and After: November 17, 1999

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Order dated November 16, 1999, in
Case No. U-12092.

STANDARD RULES AND REGULATIONS

- (b) The units of energy consumed during the billing period and the units of energy consumed during the comparable period the prior year. A utility may comply with the provisions of this subrule by providing a comparison of energy consumed based on average daily use for the billing period. The commission may exempt a utility from this requirement by order upon a showing by the utility that compliance would be excessively costly or administratively impractical.
- (c) A designation of the rate.
- (d) The due date.
- (e) Any previous balance.
- (f) The amount due for energy usage.
- (g) The amount due for other authorized charges.
- (h) The amount of tax.
- (i) The total amount due.
- (j) The rate schedules, the explanation of rate schedules, and the explanation of how to verify the accuracy of the bill will be provided upon request.
- (k) That the customer should make any inquiry or complaint about the bill before the due date.
- (l) The address and telephone number of the utility at which the customer may initiate any inquiry or complaint regarding the bill or the service provided by the utility.
- (m) That the utility is regulated by the Michigan public service commission, Lansing, Michigan.

R 460.2120 Separate bills.

Rule 20.

- (1) A utility shall transmit a separate bill in conformity with the provisions of R 460.2119 for service provided at each location and shall not combine 2 or more accounts without written authorization of the customer.
- (2) Notwithstanding the provisions of subrule (1) of this rule, if there is shutoff or termination of service at a separate residential metering point, residence, or location in accordance with these rules, then a utility may transfer an unpaid balance to any other residential service account of the customer.

R 460.2121 Billing for non-tariff services.

Rule 21. A utility may include charges for non-tariff services together with charges for tariff service on the same monthly bill if the charges for non-tariff services are designated clearly and separately from the charges for tariff service. If partial payment is made, the utility shall first credit payment to the balance outstanding for tariff service.

R 460.2122 Listing of energy assistance programs.

Rule 22. The commission shall provide, to all utilities, a listing of all federal and state energy assistance programs and the eligibility requirements.

Issued: 6-27-06
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for Service
On and After 6-28-06
Issued Under Auth. of
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Dated 6-27-06
In Case No: U-14745

STANDARD RULES AND REGULATIONS

4. Determination of Budget Amount: The regular budget amount is determined by dividing the estimated annual billing for all service, including yard lighting, by 12. The result is rounded to the next higher whole dollar. The estimated annual billing may be determined by heat loss calculations, analysis of previous use, estimated normal use, or any combination thereof.
5. Billing Method: The difference between actual service used and the budget amount is calculated monthly during the budget year. The adjustment may be a charge or credit to make the amount due for current service, including yard lighting, equal to the budget amount. The adjustment is printed on all bills during the customer's budget year.

All budget accounts are billed as scheduled each month. The readings are estimated if an actual reading is not obtained. The adjustment to any "late cycle" billing of budget accounts is made equal to the amount of the billing, since the budget amount has already been billed.

The difference between the actual billing and budget amount (the adjustment) is accumulated each month as "not due". The not due balance, including the current adjustment, is printed at the bottom of the bill and may be a charge or credit.

The amount remaining as "not due" is applied to the bill due at the end of the customer's budget year unless the customer discontinues service before that time or the budget is canceled. If the budget amount is accurate, the weather is normal, and there are no rate or tax changes, the balance should be roughly equal to the budget amount. The "not due" balance is applied to the final bill if the customer discontinues service.

6. Interest on Budget Credit Balances: Simple interest at the rate of 6% per annum will be paid on net credit balances (offset by debits) of the budget balance not due amounts. The customer's account will be credited on the billing for the last month of the budget year on his/her anniversary or when the account is removed from the budget plan.

R 460.2115 Cycle billing.

Rule 15. A utility may use cycle billing if each customer receives a bill on or about the same day of each billing month. If a utility changes meter reading routes or schedules, it may change billing cycles upon 10 days' written notice to the affected customers.

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By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

MICHIGAN PUBLIC
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STANDARD RULES AND REGULATIONS

I. Payment of Bills

The Company shall permit each residential customer at least 21 calendar days from the date of rendition of each bill for payment in full. *Customers may choose the due date of their electric bill utilizing the voluntary Preferred Due Date Billing Service as described below.*

1. Preferred Due Date Billing Service

- a. Available to residential, farm and small commercial and industrial customers. Commercial and Industrial customers with annual charges exceeding \$120,000 will be limited to choosing a bill due date that is within 21 days after billing.
- b. Upon request by a customer, the company will set the electric service bill due date as requested by the customer. The customer can choose the following options for their bill due date:
 - i. Same business day of each month (i.e., 3rd business day of each month); or
 - ii. Same calendar day of each month (i.e., 3rd day of each month). For months when the selected calendar day falls on a holiday or weekend, the bill shall be due the next business day; or
 - iii. 10, 15, or 20 days from the bill mail date.
- c. Customers will be removed from the Preferred Due Date Billing Service if payment is not received by the date of the billing of the 2nd billing cycle. Customers can return to the Preferred Due Date Billing Service upon working out payment arrangements with the company.
- d. Except as provided for in Paragraph I.1a, customers using this service are not subject to a bill due date that is within 21 days after billing.
- e. Once a Preferred Due Date is selected, customers may change their Preferred Due Date only once per calendar year.
- f. Except as provided by the Preferred Due Date Billing Service, all other practices relating to the Discontinuation of Service will be provided in accordance with the Consumer Standards and Billing Practices for Residential Gas and Electric Service, and the Billing Practices Applicable to Commercial and Industrial Electric Customers.

J. Computation of Payment Period

The date of rendition of the Company bill for residential service shall be the date of physical mailing of the bill by the Company. If the last calendar day for remittance falls upon a Sunday, legal holiday or any other day when the offices of the Company regularly used for the payment of customer bills are not open to the general public, the final payment date shall be extended through the next business day.

K. Discounts and Late Payment Charges

1. The Company shall bill each customer for the amount of volumetric energy consumed and any other approved charges in accordance with the net rates in the tariffs and schedules approved by and on file with the Commission.

Issued: November 17, 1999

By: C. Fisher, President/CEO
Houghton, Michigan



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| CANCELLED BY ORDER <u>U-12092</u> |
| REMOVED BY <u>JKB</u> <u>7-21-03</u> |
| DATE _____ Effective for Service On and After November 17, 1999 |

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Order dated November 16, 1999, in
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STANDARD RULES AND REGULATIONS

I. Payment of Bills

The Company shall permit each residential customer at least 21 calendar days from the date of rendition of each bill for payment in full.

J. Computation of Payment Period

The date of rendition of the Company bill for residential service shall be the date of physical mailing of the bill by the Company. If the last calendar day for remittance falls upon a Sunday, legal holiday or any other day when the offices of the Company regularly used for the payment of customer bills are not open to the general public, the final payment date shall be extended through the next business day. The date of payment for remittance by mail is two (2) days prior to receipt of the remittance.

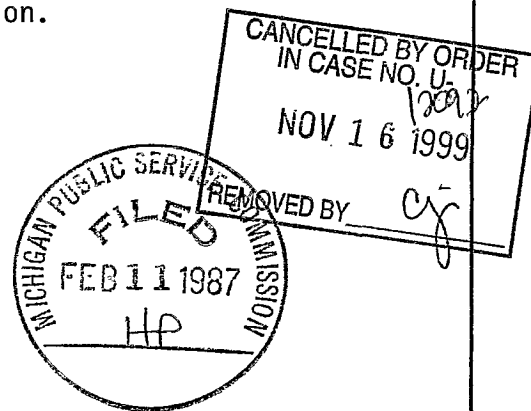
K. Discounts and Late Payment Charges

- (1) The Company shall bill each customer for the amount of volumetric energy consumed and any other approved charges in accordance with the net rates in the tariffs and schedules approved by and on file with the Commission.
- (2) The Company may assess a late payment charge not in excess of 2%, not compounded, of the bill, net of taxes, in determining the amount of any bill of a residential customer, or a portion thereof, which is delinquent. A late payment charge shall not be assessed against customers who are participating in the winter protection plan described in Rule LL.

L. Billing Information

Every bill rendered by the Company for residential utility service shall state clearly:

1. The beginning and ending meter readings of the billing period and the dates thereof. Utilities authorized to use a customer read and self-billing system need not provide this information.
2. The due date.
3. Any previous balance.
4. The amount due for energy usage.
5. The amount due for other authorized charges.
6. The total amount due.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after
December 18, 1986

STANDARD RULES AND REGULATIONS

R 460.2123 Notice of energy assistance program.

Rule 23.

- (1) A utility shall annually inform each customer of the following information:
 - (a) The federal and state energy assistance programs that are available and the eligibility requirements of the programs, as provided to the utility by the commission.
 - (b) The winter protection plan described in the provisions of R 460.2174.
 - (c) The medical emergency provisions of R 460.2153.
- (2) The utility shall provide the information required by the provisions of subrule (1) of this rule as an explanation on the customer's bill, a bill insert, or other transmittal. If the utility does not print an explanation on the customer's bill, then the utility shall, on the customer's bill, direct the customer to the bill insert or other transmittal.

R 460.2124 Additional energy assistance programs.

Rule 24. As further information regarding energy assistance programs becomes available, the commission shall provide that information to all utilities.

Within 60 days of receiving the information, the utility shall:

- (1) Provide further information regarding new eligibility requirements for energy assistance programs to all of its customers.
- (2) Provide further information regarding new benefit levels for energy assistance programs to customers currently enrolled in the programs.

R 460.2125 Billing error.

Rule 25.

- (1) If a utility overcharges a customer due to a billing error, the utility shall refund or credit the amount of the overcharge. A utility is not required to adjust, refund, or credit an overcharge for more than the 3 years immediately preceding discovery of the billing error, unless the customer is able to establish an earlier date for commencement of the error.
- (2) If a utility undercharges a customer, the following provisions apply:
 - (a) In cases that involve meter tampering or fraud, the utility may backbill the customer for the amount of the undercharge.
 - (b) In cases that do not involve meter tampering or fraud, the utility may backbill the customer for the amount of the undercharge during the 12-month period immediately preceding discovery of the error, and the utility shall offer the customer reasonable payment arrangements for the amount of the backbill, taking into account the period of the undercharge.
- (3) Overcharges and undercharges due to gas meter errors and electric meter errors shall be reconciled in accordance with the provisions of R 460.2364 of the technical standards for gas service and the provisions of R 460.3403 of the regulations governing service supplied by electric utilities, respectively.

STANDARD RULES AND REGULATIONS

R 460.2116 Payment of bill.

Rule 16. A utility shall permit each customer a period of not less than 17 days from the date the bill was transmitted to pay in full, unless the customer agrees in writing to a different period.

Customers may choose the due date of their electric bill utilizing the voluntary Preferred Due Date Billing Service as described below:

1. Preferred Due Date Billing Service

- a. Available to residential, farm and small commercial and industrial customers. Commercial and Industrial customers with annual charges exceeding \$120,000 will be limited to choosing a bill due date that is within 21 days after billing.
- b. Upon request by a customer, the company will set the electric service bill due date as requested by the customer. The customer can choose the following options for their bill due date:
 - i. Same business day of each month (i.e., 3rd business day of each month); or
 - ii. Same calendar day of each month (i.e., 3rd day of each month). For months when the selected calendar day falls on a holiday or weekend, the bill shall be due the next business day; or
 - iii. 10, 15, or 20 days from the bill mail date.
- c. Customers will be removed from the Preferred Due Date Billing Service if payment is not received by the date of the billing of the 2nd billing cycle. Customers can return to the Preferred Due Date Billing Service upon working out payment arrangements with the company.
- d. Except as provided for in Paragraph 1.f., customers using this service are not subject to a bill due date that is within 21 days after billing.
- e. Once a Preferred Due Date is selected, customers may change their Preferred Due Date only once per calendar year.
- f. Except as provided by the Preferred Due Date Billing Service, all other practices relating to the Discontinuation of Service will be provided in accordance with the Consumer Standards and Billing Practices for Residential Gas and Electric Service, and the Billing Practices Applicable to Commercial and Industrial Electric Customers.

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By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

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STANDARD RULES AND REGULATIONS

Discounts and Late Payment Charges, Cont'd

2. The Company may assess a late payment charge not in excess of 2%, not compounded, of the bill, net of taxes, in determining the amount of any bill of a residential customer, or a portion thereof, which is delinquent. A late payment charge shall not be assessed against customers who are participating in the winter protection plan described in Rule LL.

L. Billing Information

Every bill rendered by the Company for residential utility service shall state clearly:

1. The beginning and ending meter readings of the billing period and the dates thereof. Utilities authorized to use a customer read and self-billing system need not provide this information.
2. The due date.
3. Any previous balance.
4. The amount due for energy usage.
5. The amount due for other authorized charges.
6. The total amount due.
7. The statement that rate schedules, an explanation of how to calculate the accuracy of the bill and an explanation of the power supply cost recovery clause, if any, is available and will be mailed upon request.
8. The statement, "register any inquiry or complaint about this bill prior to the due date."
9. The address and telephone number of the Company designating where the customer may initiate an inquiry or complaint regarding the bill as rendered or the service provided by the Company.
10. The statement that, "This utility is regulated by the Michigan Public Service Commission, Lansing, Michigan".

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By: C. Fisher, President/CEO
Houghton, Michigan



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STANDARD RULES AND REGULATIONS

Billing Information (Cont'd.)

7. The statement that rate schedules, an explanation of how to calculate the accuracy of the bill and an explanation of the power supply cost recovery clause, if any, is available and will be mailed upon request.
8. The statement, "register any inquiry or complaint about this bill prior to the due date".
9. The address and telephone number of the Company designating where the customer may initiate an inquiry or complaint regarding the bill as rendered or the service provided by the Company.
10. The statement that, "This utility is regulated by the Michigan Public Service Commission, Lansing, Michigan".

M. Separate Bills

The Company shall render a separate billing for service provided at each residence or location and shall not combine two (2) or more accounts without written authorization of the customer.

N. Special Services

The Company may include charges for special services together with charges for utility service on the same monthly bill if the charges for special services are designated clearly and separately from the service account. If partial payment is made, the Company shall first credit all payments to the balance outstanding for utility service.

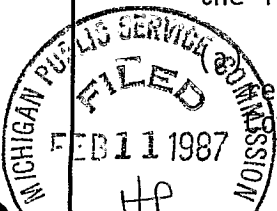
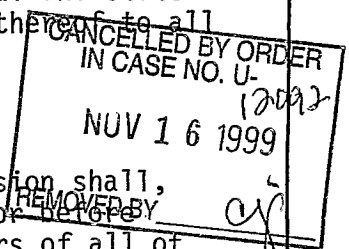
O. Listing of Energy Assistance Programs

The Commission shall provide a listing of all existing Federal and State Energy Assistance Programs and the eligibility requirements thereof to all electric and gas utilities regulated by the Commission.

P. Notice of Energy Assistance Programs

- (1) All electric and gas utilities regulated by the Commission shall, within 60 days of the effective date of this rule and on or before October 15 of each year, inform their residential customers of all of the following:

Federal and State Energy Assistance Programs and the eligibility requirements of such programs as provided to the utilities by the Commission.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

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December 18, 1986

STANDARD RULES AND REGULATIONS

PART 3. DEPOSITS AND GUARANTEES

R 460.2131 Deposit for new customer.

Rule 31.

- (1) A utility may require a deposit as a condition of providing service to a new customer due to any of the following provisions:
 - (a) The applicant has a delinquent bill with any electric or gas provider that accrued within the last 6 years, and that, at the time of the request for service, remains unpaid and is not in dispute.
 - (b) The applicant misrepresents his or her identity or credit standing.
 - (c) The applicant fails to provide complete positive identification information upon request at the time of applying for new service, to the extent a request for such information is not barred by R 460.2133(3).
 - (d) The applicant, in an unauthorized manner, used, diverted, or interfered with the service of the utility situated or delivered on or about the applicant's premises within the last 6 years, if the finding of unauthorized use, diversion, or interference is made after notice and an opportunity for a hearing under these rules.
 - (e) The applicant requests service for a location at which he or she does not reside.
 - (f) The applicant was a household member during a period in which all or part of a delinquent service account was accrued by another household member who currently resides with the applicant, if, at the time of the request for service, the account remains unpaid and is not in dispute.
 - (g) The applicant is unable to provide prior utility service history information with any regulated or unregulated utility in Michigan or elsewhere during the last 6 years and has an unfavorable commercial credit rating caused by 3 or more delinquent payments of more than 60 days in the last 2 years.
 - (h) A receiver has been appointed in a court proceeding within the last 6 years.
 - (i) As allowed by federal bankruptcy law, the applicant has sought relief under federal bankruptcy laws within the last 6 years.
- (2) A utility shall not require a deposit as a condition of providing service to a new customer if any of the following provisions apply:
 - (a) The family independence agency is responsible for making monthly payments to a utility on behalf of the applicant.
 - (b) The applicant secures a guarantor who is a customer in good standing with the utility.
 - (c) None of the conditions described in subrule (1) of this rule applies to the applicant.
 - (d) The applicant is over 65 years of age and has no negative credit history with any gas or electric provider.

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STANDARD RULES AND REGULATIONS

R 460.2117 Payment period.

Rule 17. The date of transmitting a bill is the date the utility mails the bill. For bills that are delivered other than by mail, the date of transmitting a bill is the date that the utility conveys or dispatches the billing information to the customer in accordance with the method of delivery that the customer and the utility agreed to use. If the last day for payments falls on a Sunday, legal holiday, or other day when the offices of the utility regularly used for the payment of customers' bills are not open to the general public, the payment date shall be extended through the next business day.

R 460.2118 Allowable charges.

Rule 18.

- (1) Except as otherwise provided by statute, a utility shall bill each customer for the amount of natural gas or electricity consumed and any other approved charges in accordance with the rates and tariffs approved by the commission.
- (2) A utility may assess a late payment charge that is not more than 2%, not compounded, of the portion of the bill, net of taxes, that is delinquent. A utility shall not assess a late payment charge against a customer who is participating in the winter protection plan described in R 460.2174.

R 460.2119 Bill information.

Rule 19. A bill that is transmitted by a utility shall state clearly all of the following information:

- (a) The beginning and ending meter readings and dates for the billing period. A utility that is authorized to use a customer read system need not provide this information.

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Ass't VP Regulatory Affairs
Green Bay, Wisconsin

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STANDARD RULES AND REGULATIONS

Billing Information, Cont'd

M. Separate Bills

1. The Company shall render a separate billing for service provided at each residence or location and shall not combine two (2) or more accounts without written authorization of the customer.
2. *Notwithstanding the provisions of subrule (1) of this rule, in the event of shutoff or termination of service at a separate residential metering point, residence, or location in accordance with these rules, the Company may transfer an unpaid balance to any other residential service account of the customer.*

N. Special Services

The Company may include charges for special services together with charges for utility service on the same monthly bill if the charges for special services are designated clearly and separately from the service account. If partial payment is made, the Company shall first credit all payments to the balance outstanding for utility service.

O. Listing of Energy Assistance Programs

The Commission shall provide a listing of all existing Federal and State Energy Assistance Programs and the eligibility requirements thereof to all electric and gas utilities regulated by the Commission.

P. Notice of Energy Assistance Programs

1. All electric and gas utilities regulated by the Commission shall, within 60 days of the effective date of this rule and on or before October 15 of each year, inform their residential customers of all of the following:
 - g. Federal and State Energy Assistance Programs and the eligibility requirements of such programs as provided to the utilities by the Commission.
 - h. The winter protection plan described in these rules.
 - i. The medical emergency provision of Rule II.
2. The information required in subrule (1) of this rule shall be disseminated by means of an explanation on the customer's bill. *The utility shall, on the customer's bill, direct the customer to the bill insert or other mailing unless the utility conducts a self-billing program.*

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STANDARD RULES AND REGULATIONS

Notice of Energy Assistance Programs (Cont'd.)

- (b) The winter protection plan described in these rules.
- (c) The medical emergency provisions of Rule II.
- (2) The information required in subrule (1) of this rule shall be disseminated by means of an explanation on the customer's bill, the utility shall, on the customer's bill, direct the customer to the bill insert or other mailing, unless the utility conducts a self-billing program.

Q. Additional Energy Assistance Programs

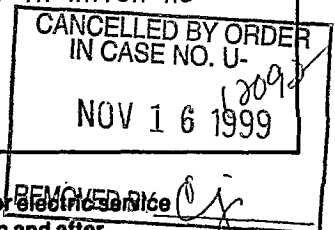
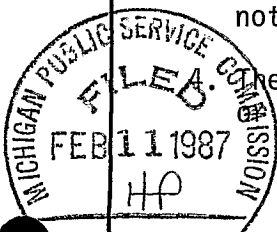
As further information regarding energy assistance programs, both Federal and State, becomes available to the Commission, such information shall be provided to all electric and gas utilities regulated by the Commission. Within 60 days of the receipt of such information from the Commission, all electric and gas utilities regulated by the Commission shall disseminate such information to their residential customers in the same form and manner as provided in P.

R. Cash Deposit as a New Condition of New Service

A utility shall not require a cash deposit or other guarantee as a condition of new service, unless an applicant or a customer has an unsatisfactory credit or service standing with the utility due to any of the following:

1. The customer has a prior service account which is past due with any utility, which accrued within the last 6 years, and which, at the time of the request for service, remains unpaid and is not in dispute.
2. The applicant or customer misrepresents his or her identity or credit standing at the time of application for new service, thus avoiding disclosure of pertinent credit information.
3. The customer has, in an unauthorized manner, interfered with the service of the utility situated or delivered on or about the customer's premises within the last 6 years, if such finding of unauthorized interference or use is made and determined after notice and opportunity for hearing is provided to the customer pursuant to these rules and is not in dispute.

The customer or applicant requests service at a residence in which he she does not reside.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
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Dated December 17, 1986

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M.P.S.C. No. 7
UPPER PENINSULA POWER COMPANY

First Revised Sheet No. 9.42.1
Cancels Original Sheet No. 9.42.1

STANDARD RULES AND REGULATIONS

Cancelled

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STANDARD RULES AND REGULATIONS

Q. Additional Energy Assistance Programs

As further information regarding energy assistance programs, both Federal and State, becomes available to the Commission, such information shall be provided to all electric and gas utilities regulated by the Commission. Within 60 days of the receipt of such information from the Commission, all electric and gas utilities regulated by the Commission shall disseminate such information to their residential customers in the same form and manner as provided in P.

18. Cash Deposit as a Condition of New Service

A utility shall not require a cash deposit or other guarantee as a condition of new service, unless an applicant or a customer has an unsatisfactory credit or service standing with the utility due to any of the following:

1. The customer has a prior service account which is past due with any utility, which accrued within the last 6 years, and which, at the time of the request for service, remains unpaid and is not in dispute.
2. The applicant or customer misrepresents his or her identity or credit standing at the time of application for new service, thus avoiding disclosure of pertinent credit information.
3. The customer has, in an unauthorized manner, interfered with the service of the utility situated or delivered on or about the customer's premises within the last 6 years, if such finding of unauthorized interference or use is made and determined after notice and opportunity for hearing is provided to the customer pursuant to these rules and is not in dispute.
4. The customer or applicant requests service at a residence in which he or she does not reside.

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Houghton, Michigan



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STANDARD RULES AND REGULATIONS

R 460.2132 Deposit for previous customer or continued service.

Rule 32.

- (1) A utility may require a deposit as a condition of providing or restoring service to a previous customer or continuing service to a current customer if the customer has an unsatisfactory credit standing with the utility due to any of the following:
 - (a) The customer or applicant has a prior service account that is delinquent, that accrued within the last 6 years, and that, at the time of the request for service, remains unpaid and is not in dispute, or if litigation was required to obtain full payment of a utility account that was not in dispute.
 - (b) The customer or applicant misrepresents his or her identity or credit standing.
 - (c) The customer or applicant fails to provide complete positive identification information upon request at the time of applying for service, to the extent that a request for such information is not barred by R 460.2133(3).
 - (d) The customer or applicant, in an unauthorized manner, used, diverted, or interfered with the service of the utility situated or delivered on or about the customer's or applicant's premises within the last 6 years, if the finding of unauthorized use, diversion, or interference is made after notice and an opportunity for a hearing under these rules and is not in dispute.
 - (e) The utility has shut off service to the customer for nonpayment of a delinquent account that is not in dispute.
 - (f) The utility has had 1 or more checks for the customer's account returned from a bank within the last 12 months for insufficient funds or no account, excluding bank error.
 - (g) A receiver has been appointed in a court proceeding within the last 6 years.
 - (h) As allowed by federal bankruptcy law, the applicant has sought relief under federal bankruptcy laws within the last 6 years.
- (2) A utility shall not require a deposit as a condition of providing service to a previous customer or continuing service to a current customer if one of the following provisions applies:
 - (a) The family independence agency is responsible for making monthly payments to a utility on behalf of the applicant.
 - (b) The customer or applicant secures a guarantor who is a customer in good standing with the utility.
 - (c) The customer or applicant has none of the conditions described in subrule (1) of this rule.
 - (d) The applicant is over 65 years of age and has no negative credit history with any gas or electric provider.

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STANDARD RULES AND REGULATIONS

- (b) The units of energy consumed during the billing period and the units of energy consumed during the comparable period the prior year. A utility may comply with the provisions of this subrule by providing a comparison of energy consumed based on average daily use for the billing period. The commission may exempt a utility from this requirement by order upon a showing by the utility that compliance would be excessively costly or administratively impractical.
- (c) A designation of the rate.
- (d) The due date.
- (e) Any previous balance.
- (f) The amount due for energy usage.
- (g) The amount due for other authorized charges.
- (h) The amount of tax.
- (i) The total amount due.
- (j) The rate schedules, the explanation of rate schedules, and the explanation of how to verify the accuracy of the bill will be provided upon request.
- (k) That the customer should make any inquiry or complaint about the bill before the due date.
- (l) The address and telephone number of the utility at which the customer may initiate any inquiry or complaint regarding the bill or the service provided by the utility.
- (m) That the utility is regulated by the Michigan public service commission, Lansing, Michigan.

R 460.2120 Separate bills.

Rule 20.

- (1) A utility shall transmit a separate bill in conformity with the provisions of R 460.2119 for service provided at each location and shall not combine 2 or more accounts without written authorization of the customer.
- (2) Notwithstanding the provisions of subrule (1) of this rule, if there is shutoff or termination of service at a separate residential metering point, residence, or location in accordance with these rules, then a utility may transfer an unpaid balance to any other residential service account of the customer.

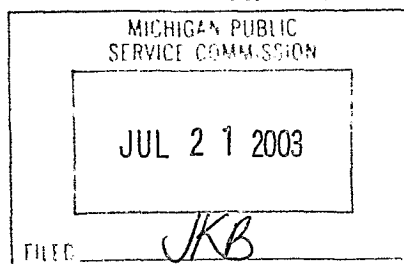
R 460.2121 Billing for non-tariff services.

Rule 21. A utility may include charges for non-tariff services together with charges for tariff service on the same monthly bill if the charges for non-tariff services are designated clearly and separately from the charges for tariff service. If partial payment is made, the utility shall first credit payment to the balance outstanding for tariff service.

R 460.2122 Listing of energy assistance programs.

Rule 22. The commission shall provide, to all utilities, a listing of all federal and state energy assistance programs and the eligibility requirements.

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Ass't VP Regulatory Affairs
Green Bay, Wisconsin



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In Case No: U-11397

STANDARD RULES AND REGULATIONS

Cash Deposit as a New Condition of New Service (Cont'd.)

5. The utility has had 2 or more checks for the customer's account returned from a bank within the past 3 years for insufficient funds or not account, excluding bank error.
6. The customer or applicant requests service at a household that was inhabited by the customer or applicant during a period in which all or a part of a prior past due service account was incurred by another household member who still resides at the household, if, at the time of the request for service, the account remains unpaid and is not in dispute.

S. Cash Deposit or Other Guarantee as Condition of Continued Service

A utility shall not require a cash deposit or other guarantee as a condition of continued service, unless a customer has an unsatisfactory credit or service standing with the utility due to one of the following:

1. The service of the customer has been discontinued for nonpayment of a delinquent account not in dispute.
2. In an unauthorized manner, the customer interfered with the service of the utility situated or delivered on or about the customer's premises, if the finding of unauthorized interference or use is made and determined after notice and opportunity for hearing is provided to the customer pursuant to these rules and is not in dispute.
3. The utility has had two or more checks for the customer's account returned from a bank within the last three years for insufficient funds or no account, excluding bank error.

T. Other Standards Prohibited

The Company shall not require a cash deposit or other guarantee as condition of new or continued utility service based upon commercial credit standards, income, home ownership, residential location, race, color, creed, sex, age, national origin, relationship to other customers, or any other criteria not authorized by these rules.

U. General Deposit Conditions

A cash deposit required pursuant to these rules is subject to the following terms and conditions:

1. A deposit required as a condition of new service due to a prior outstanding account not in dispute shall not exceed the lesser of the

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| CANCELLED BY | |
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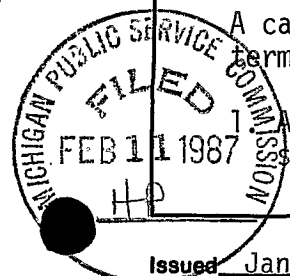
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In Case no. U-8518

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December 18, 1986



STANDARD RULES AND REGULATIONS

R 460.2133 Prohibited practices.

Rule 33.

- (1) A utility shall not require a deposit or other guarantee as a condition of new or continued utility service based upon any of the following:
 - (a) Commercial credit standards, if the customer or applicant has prior utility service credit history with any electric or gas provider in Michigan or elsewhere during the previous 6 years.
 - (b) Income.
 - (c) Home ownership.
 - (d) Residential location.
 - (e) Race.
 - (f) Color.
 - (g) Creed.
 - (h) Sex.
 - (i) Age.
 - (j) National origin.
 - (k) Any other criteria not authorized by these rules.
- (2) A utility shall not attempt to recover from any person any outstanding bills or other charges due upon the account of any other person, unless that other person has entered into a lawful guarantee or other agreement to pay those bills and charges.
- (3) A utility shall not require a customer or applicant who has prior utility service history with any electric or gas provider in Michigan or elsewhere during the previous 6 years to provide the utility with his or her social security number as a condition of obtaining or continuing a utility service.

R 460.2134 General deposit conditions.

Rule 34.

- (1)
 - (a) A deposit that is required under these rules due to a prior outstanding account that is not in dispute or a shutoff for nonpayment shall not be more than twice the average peak season monthly bill for the premises or twice the utility's system average peak season monthly bill for residential service if consumption history for the premises is unavailable. The utility may also require payment of the delinquent account as a condition of providing or continuing service if the prior account is in the customer's or applicant's name, is delinquent and owed to the utility, and accrued within the last 6 years.
 - (b) A deposit that is required as a condition of providing, restoring, or continuing service due to unauthorized use, diversion, or interference shall not be more than 4 times the average peak season monthly bill for the premises or 4 times the utility's system average peak season monthly bill for residential service if consumption history for the premises is unavailable. The utility may also require payment of the delinquent account and approved charges as a condition of providing, restoring, or continuing service if the prior account is in the customer's or applicant's name, is delinquent and owed to the utility, and accrued within the last 6 years.

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STANDARD RULES AND REGULATIONS

R 460.2123 Notice of energy assistance program.

Rule 23.

- (1) A utility shall annually inform each customer of the following information:
 - (a) The federal and state energy assistance programs that are available and the eligibility requirements of the programs, as provided to the utility by the commission.
 - (b) The winter protection plan described in the provisions of R 460.2174.
 - (c) The medical emergency provisions of R 460.2153.
- (2) The utility shall provide the information required by the provisions of subrule (1) of this rule as an explanation on the customer's bill, a bill insert, or other transmittal. If the utility does not print an explanation on the customer's bill, then the utility shall, on the customer's bill, direct the customer to the bill insert or other transmittal.

R 460.2124 Additional energy assistance programs.

Rule 24. As further information regarding energy assistance programs becomes available, the commission shall provide that information to all utilities. Within 60 days of receiving the information, the utility shall:

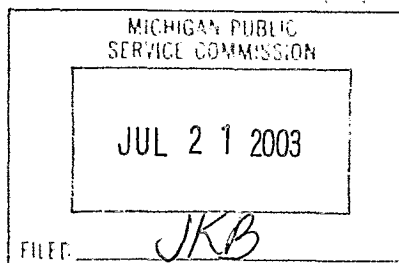
- (1) Provide further information regarding new eligibility requirements for energy assistance programs to all of its customers.
- (2) Provide further information regarding new benefit levels for energy assistance programs to customers currently enrolled in the programs.

R 460.2125 Billing error.

Rule 25.

- (1) If a utility overcharges a customer due to a billing error, the utility shall refund or credit the amount of the overcharge. A utility is not required to adjust, refund, or credit an overcharge for more than the 3 years immediately preceding discovery of the billing error, unless the customer is able to establish an earlier date for commencement of the error.
- (2) If a utility undercharges a customer, the following provisions apply:
 - (a) In cases that involve meter tampering or fraud, the utility may backbill the customer for the amount of the undercharge.
 - (b) In cases that do not involve meter tampering or fraud, the utility may backbill the customer for the amount of the undercharge during the 12-month period immediately preceding discovery of the error, and the utility shall offer the customer reasonable payment arrangements for the amount of the backbill, taking into account the period of the undercharge.
- (3) Overcharges and undercharges due to gas meter errors and electric meter errors shall be reconciled in accordance with the provisions of R 460.2364 of the technical standards for gas service and the provisions of R 460.3403 of the regulations governing service supplied by electric utilities, respectively.

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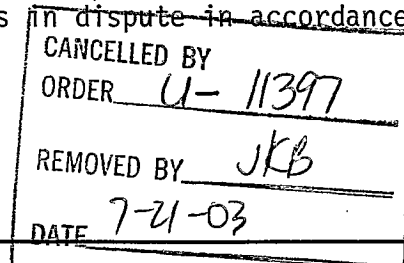
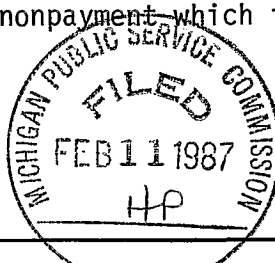


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Dated 9-3-99
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STANDARD RULES AND REGULATIONS

General Deposit Conditions (Cont'd.)

- amount of the prior outstanding account or \$150.00. The utility may also require payment of the prior outstanding account as a condition of new service if the prior account is in the customer's name.
2. A deposit required as a condition of continued service due to discontinuance for nonpayment shall not exceed the lesser of an amount equal to the actual or estimated maximum monthly bill for service at the customer's premises, or \$150.00. The Company may also require payment of the prior outstanding account as a condition of continued service.
 3. A deposit required for new or continued service due to unauthorized interference or use shall not exceed \$150.00.
 4. Before requiring a deposit as a condition of continued service, the utility shall have offered the customer prior to discontinuance for nonpayment, the opportunity to enter into a settlement agreement as provided in Settlement Agreement section of the Rules and Regulations.
 5. Interest at the rate of 9% per annum shall be payable on all deposits. Interest shall be credited semi-annually upon the service account of the customer or paid upon the return of the deposit, whichever occurs first. The Commission, by order, may revise the annual interest rate not later than January 31 of each year, after having given notice of the proposed revision by publication in three (3) daily newspapers of general circulation, one (1) of which shall be in the Upper Peninsula, and having afforded all interested parties the opportunity to comment upon the proposed interest rate.
 6. Upon termination of service, the deposit, with accrued interest, shall be credited to the final bill and the balance shall be returned promptly to the customer.
 7. The credit of a customer shall be established and a deposit and accrued interest shall be refunded promptly by the utility upon satisfactory payment by the customer of all proper charges for utility service for a period of nine (9) successive months. For purposes of this subdivision, payment is satisfactory if made prior to the issuance of a notice of discontinuation of service for nonpayment not in dispute. The Company may withhold the deposit funds pending the resolution of a discontinuance for nonpayment which is in dispute in accordance with these rules.



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E. Argentati
President
Houghton, Michigan

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Dated December 17, 1986

In Case no. U-8518

Effective for electric service
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December 18, 1986

STANDARD RULES AND REGULATIONS

- (2) Unless the applicant misrepresents his or her identity or credit standing or fails to provide positive identification, if requested, at the time of applying for service, the utility shall, within 30 days after the applicant applies, decide whether to require a deposit.
- (3) Except in the case of unauthorized use, diversion, or interference, if the utility shuts off service for nonpayment, then the utility shall not require a deposit as a condition of restoring service unless the utility offered the customer, prior to shutoff for nonpayment, the opportunity to enter into a settlement agreement as provided in part 6 of these rules.
- (4) A utility shall pay interest at the rate of 9% per annum on all deposits. A utility shall credit interest semiannually to the service account of the customer or pay it upon the return of the deposit, whichever occurs first.
- (5) The customer's credit shall be established and the utility shall return the deposit and accrued interest upon satisfactory payment by the customer of all proper charges for utility service for a period of 12 consecutive months. A utility may retain the deposit because of unauthorized use, diversion, or interference for a period of 24 months and shall refund the deposit upon satisfactory payment of the final 12 months' charges.
- (6) For purposes of this rule, payment is satisfactory if it is made before the issuance of the notice of shutoff of service for nonpayment that is not in dispute or within 3 days after the issuance of the next succeeding monthly bill, whichever is sooner.
- (7) If the utility has not already returned the deposit, the utility shall credit the deposit, with accrued interest, to the final bill. A utility may apply the deposit against an existing arrearage that is not in dispute. The utility shall promptly return the balance to the customer.
- (8) A utility shall maintain a detailed record of all deposits received from customers. The record shall show all of the following information:
 - (a) The name of the residential customer.
 - (b) The location of the premises occupied by the customer at the time of making the deposit and each successive location while the deposit is retained.
 - (c) The date the customer made the deposit and the amount.
 - (d) The dates the utility paid interest and the amounts.
- (9) If a customer makes a deposit, then the utility shall provide, in writing, a receipt that contains all of the following information:
 - (a) Name of customer.
 - (b) Place of payment.
 - (c) Date of payment.
 - (d) Amount of payment.
 - (e) Identifiable name and signature of the utility employee who receives the deposit.
 - (f) The terms and conditions governing the receipt, retention, and return of the deposit.

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VP Regulatory Affairs
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STANDARD RULES AND REGULATIONS

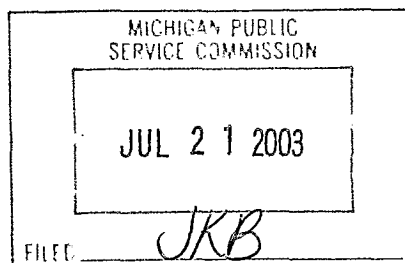
PART 3. DEPOSITS AND GUARANTEES

R 460.2131 Deposit for new customer.

Rule 31.

- (1) A utility may require a deposit as a condition of providing service to a new customer due to any of the following provisions:
- (a) The applicant has a delinquent bill with any electric or gas provider that accrued within the last 6 years, and that, at the time of the request for service, remains unpaid and is not in dispute.
 - (b) The applicant misrepresents his or her identity or credit standing.
 - (c) The applicant fails to provide complete positive identification information upon request at the time of applying for new service, to the extent a request for such information is not barred by R 460.2133(3).
 - (d) The applicant, in an unauthorized manner, used, diverted, or interfered with the service of the utility situated or delivered on or about the applicant's premises within the last 6 years, if the finding of unauthorized use, diversion, or interference is made after notice and an opportunity for a hearing under these rules.
 - (e) The applicant requests service for a location at which he or she does not reside.
 - (f) The applicant was a household member during a period in which all or part of a delinquent service account was accrued by another household member who currently resides with the applicant, if, at the time of the request for service, the account remains unpaid and is not in dispute.
 - (g) The applicant is unable to provide prior utility service history information with any regulated or unregulated utility in Michigan or elsewhere during the last 6 years and has an unfavorable commercial credit rating caused by 3 or more delinquent payments of more than 60 days in the last 2 years.
 - (h) A receiver has been appointed in a court proceeding within the last 6 years.
 - (i) As allowed by federal bankruptcy law, the applicant has sought relief under federal bankruptcy laws within the last 6 years.
- (2) A utility shall not require a deposit as a condition of providing service to a new customer if any of the following provisions apply:
- (a) The family independence agency is responsible for making monthly payments to a utility on behalf of the applicant.
 - (b) The applicant secures a guarantor who is a customer in good standing with the utility.
 - (c) None of the conditions described in subrule (1) of this rule applies to the applicant.
 - (d) The applicant is over 65 years of age and has no negative credit history with any gas or electric provider.

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Ass't VP Regulatory Affairs
Green Bay, Wisconsin



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In Case No: U-11397

STANDARD RULES AND REGULATIONS

General Deposit Conditions (Cont'd.)

8. The Company shall maintain a detailed record of all deposits received from customers, showing the name of each customer, the location of the premises occupied by the customer at the time of making the deposit and each successive location while the deposit is retained, the date of making an amount of deposit, and the date and amounts of interest paid.
9. Each customer posting a cash deposit shall receive in writing at the time of tender of deposit funds, a receipt as evidence thereof, which contains the following minimum information:
- Name of customer.
 - Place of payment.
 - Date of payment.
 - Amount of payment.
 - Identifiable name and signature of the Company employee receiving payment.
 - Statement of the terms and conditions governing the receipt, retention and return of deposit funds.
10. The Company shall provide means whereby a customer entitled to a return of his deposit is not deprived of deposit funds even though he may be unable to produce the original receipt for the deposit.
11. The Company shall apply deposit standards uniformly as a condition of utility service to all residential customers.

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| CANCELLED BY | ORDER <u>U-11397</u> |
| REMOVED BY | <u>JKB</u> |
| DATE | <u>7-21-03</u> |

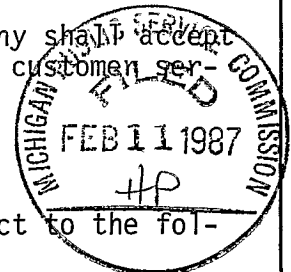
V. Guarantee in Lieu of Deposit

In lieu of a cash deposit required by these rules, the Company shall accept the written guarantee of a responsible party as surety for a customer service account.

W. Guarantee Terms and Conditions

A guarantee accepted in accordance with these rules is subject to the following terms and conditions:

- It shall be in writing and shall be renewed in a similar manner at least annually.



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E. Argentati
President
Houghton, Michigan

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December 18, 1986

STANDARD RULES AND REGULATIONS

- (10) A utility shall provide a means by which a customer who is entitled to the return of his or her deposit is not deprived of the deposit even though he or she may be unable to produce the original receipt for the deposit.
- (11) A utility shall apply deposit standards uniformly to all customers.
- (12) For purposes of this rule, both of the following provisions apply:
 - (a) The premises's average peak season monthly bill is defined as the highest 5 consecutive month period of consumption at the premises within the previous 12-month period, divided by 5, priced at current rates.
 - (b) The utility's system average peak season monthly bill is defined as the average peak season monthly bill computed for all residential premises on the utility's system.

R 460.2135 Rescinded.

R 460.2136 Guarantee terms and conditions.

Rule 36.

- (1) A guarantee that is accepted in accordance with these rules shall be in writing and shall be in effect for not more than 12 months. The written guarantee shall state all of the terms of the guarantee and the maximum amount guaranteed. The utility shall not hold the guarantor liable for a greater amount, unless agreed to in a separate written guarantee.
- (2) The customer's credit shall be established and the utility shall release the guarantor upon satisfactory payment by the customer of all proper charges for utility service for a period of 12 consecutive months, unless the guarantee was required due to unauthorized use, diversion, or interference.
- (3) A utility may retain a guarantee resulting from unauthorized use, diversion, or interference for 24 months and shall release the guarantor upon satisfactory payment of the final 12 months' charges.
- (4) For purposes of this rule, payment is satisfactory if it is made before the issuance of a notice of shutoff of service for nonpayment that is not in dispute or within 3 days after the issuance of the next succeeding monthly bill, whichever is sooner.
- (5) A utility may withhold the release of a guarantor pending the resolution of a shutoff for nonpayment that is in dispute in accordance with these rules.

R 460.2137 Rescinded.

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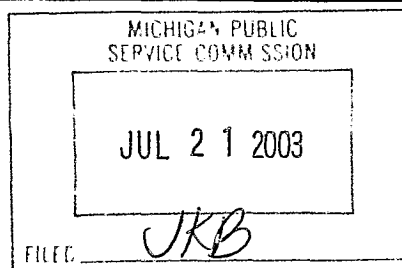
STANDARD RULES AND REGULATIONS

R 460.2132 Deposit for previous customer or continued service.

Rule 32.

- (1) A utility may require a deposit as a condition of providing or restoring service to a previous customer or continuing service to a current customer if the customer has an unsatisfactory credit standing with the utility due to any of the following:
- (a) The customer or applicant has a prior service account that is delinquent, that accrued within the last 6 years, and that, at the time of the request for service, remains unpaid and is not in dispute, or if litigation was required to obtain full payment of a utility account that was not in dispute.
 - (b) The customer or applicant misrepresents his or her identity or credit standing.
 - (c) The customer or applicant fails to provide complete positive identification information upon request at the time of applying for service, to the extent that a request for such information is not barred by R 460.2133(3).
 - (d) The customer or applicant, in an unauthorized manner, used, diverted, or interfered with the service of the utility situated or delivered on or about the customer's or applicant's premises within the last 6 years, if the finding of unauthorized use, diversion, or interference is made after notice and an opportunity for a hearing under these rules and is not in dispute.
 - (e) The utility has shut off service to the customer for nonpayment of a delinquent account that is not in dispute.
 - (f) The utility has had 1 or more checks for the customer's account returned from a bank within the last 12 months for insufficient funds or no account, excluding bank error.
 - (g) A receiver has been appointed in a court proceeding within the last 6 years.
 - (h) As allowed by federal bankruptcy law, the applicant has sought relief under federal bankruptcy laws within the last 6 years.
- (2) A utility shall not require a deposit as a condition of providing service to a previous customer or continuing service to a current customer if one of the following provisions applies:
- (a) The family independence agency is responsible for making monthly payments to a utility on behalf of the applicant.
 - (b) The customer or applicant secures a guarantor who is a customer in good standing with the utility.
 - (c) The customer or applicant has none of the conditions described in subrule (1) of this rule.
 - (d) The applicant is over 65 years of age and has no negative credit history with any gas or electric provider.

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STANDARD RULES AND REGULATIONS

Guarantee Terms and Conditions (Cont'd.)

2. It shall state the terms of guarantee, the maximum amount guaranteed and that the Company shall not hold the guarantor liable for sums in excess thereof unless agreed to in a separate written instrument.
3. Credit shall be established for the customer and the guarantor shall be released upon satisfactory payment by the customer of all proper charges for utility service for a period of nine (9) successive months. For purposes of this sub-rule, payment is satisfactory if made prior to the issuance of a notice of discontinuation of service for non-payment not in dispute. The Company may withhold the release of the guarantor pending the resolution of a discontinuance for nonpayment in dispute in accordance with these rules.

X. Deposit Refund

The Company shall refund all cash deposits held as security for residential service currently in its possession and terminate all existing guarantees in lieu of deposits not maintained or executed in compliance with this Part R. The Company shall notify each customer that any deposit so refunded is pursuant to these rules. Interest on refunded deposits shall accrue in accordance with the interest rate paid by the utility on the effective date of these rules. The Company may apply all deposits subject to refund against existing arrearages not in dispute prior to refund.

Y. Applicability

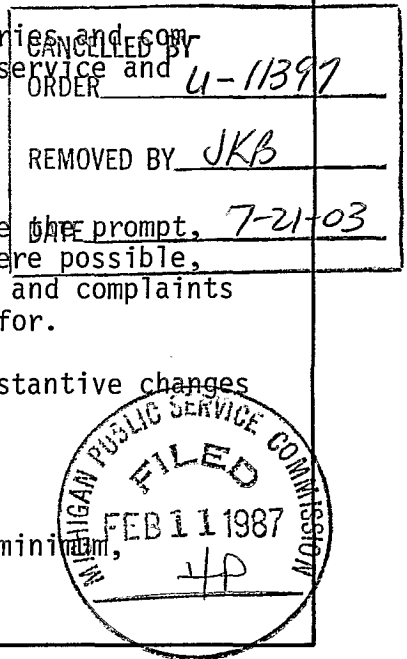
These procedures shall be applicable to all customer inquiries and complaints made to the Company regarding residential utility service and charges therefor.

Z. Complaint Procedures

1. The Company shall establish procedures which will insure the prompt, efficient, and thorough receipt, investigation, and, where possible, resolution of all customer inquiries, service requests, and complaints regarding residential utility service and charges therefor.
2. The Company shall obtain Commission approval of any substantive changes in the procedures prior to implementation.

AA. Personnel Procedures Required

The Company shall establish personnel procedures which, as a minimum, insure that:



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President
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STANDARD RULES AND REGULATIONS

PART 4. UTILITY PROCEDURES

R 460.2141 Applicability.

Rule 41. These procedures apply to all customer inquiries, service requests, and complaints that are made to a utility regarding residential utility service and charges.

R 460.2142 Complaint procedures.

Rule 42.

- (1) A utility shall establish procedures that will ensure the prompt, efficient, and thorough receipt, investigation, and, where possible, resolution of all customer inquiries, service requests, and complaints.
- (2) A utility shall obtain commission approval of any substantive changes in its procedures.

R 460.2143 Personnel procedures.

Rule 43. A utility shall establish personnel procedures that, at a minimum, ensure all of the following:

- (a) That qualified personnel are available and prepared at all times during normal business hours to receive and respond to all customer inquiries, service requests, and complaints. A utility shall make the necessary arrangements to ensure that customers who are unable to communicate in the English language receive prompt and effective assistance.
- (b) That qualified personnel who are responsible for, and authorized to enter into, written settlement agreements on behalf of the utility are available at all times during normal business hours to respond to customer inquiries and complaints.
- (c) That qualified personnel are available at all times to receive and respond to customer contacts regarding any shutoff of service and emergency conditions that occur within the utility's service area.
- (d) That the names, addresses, and telephone numbers of personnel who are designated and authorized to receive and respond to the requests and directives of the commission regarding customer inquiries, service requests, and complaints are current and on file with the commission.

R 460.2144 Utility hearing officers.

Rule 44.

- (1) A utility shall employ or contract with competent utility hearing officers, who shall be notaries public and qualified to administer oaths, and other supporting personnel as necessary to comply with the provisions of part 6 of these rules.
- (2) Utility hearing officers who are employed or contracted to comply with the provisions of part 6 of these rules shall not engage in any other activities for or on behalf of the utility.
- (3) Utility hearing officers and utility hearing procedures shall be subject to investigation and review by the commission to ensure the impartiality and integrity of the hearing process.

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STANDARD RULES AND REGULATIONS

R 460.2133 Prohibited practices.

Rule 33.

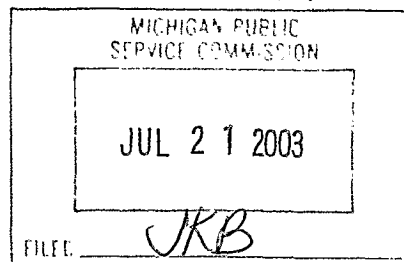
- (1) A utility shall not require a deposit or other guarantee as a condition of new or continued utility service based upon any of the following:
 - (a) Commercial credit standards, if the customer or applicant has prior utility service credit history with any electric or gas provider in Michigan or elsewhere during the previous 6 years.
 - (b) Income.
 - (c) Home ownership.
 - (d) Residential location.
 - (e) Race.
 - (f) Color.
 - (g) Creed.
 - (h) Sex.
 - (i) Age.
 - (j) National origin.
 - (k) Any other criteria not authorized by these rules.
- (2) A utility shall not attempt to recover from any person any outstanding bills or other charges due upon the account of any other person, unless that other person has entered into a lawful guarantee or other agreement to pay those bills and charges.
- (3) A utility shall not require a customer or applicant who has prior utility service history with any electric or gas provider in Michigan or elsewhere during the previous 6 years to provide the utility with his or her social security number as a condition of obtaining or continuing a utility service.

R 460.2134 General deposit conditions.

Rule 34.

- (1) (a) A deposit that is required under these rules due to a prior outstanding account that is not in dispute or a shutoff for nonpayment shall not be more than twice the average peak season monthly bill for the premises or twice the utility's system average peak season monthly bill for residential service if consumption history for the premises is unavailable. The utility may also require payment of the delinquent account as a condition of providing or continuing service if the prior account is in the customer's or applicant's name, is delinquent and owed to the utility, and accrued within the last 6 years.
- (b) A deposit that is required as a condition of providing, restoring, or continuing service due to unauthorized use, diversion, or interference shall not be more than 4 times the average peak season monthly bill for the premises or 4 times the utility's system average peak season monthly bill for residential service if consumption history for the premises is unavailable. The utility may also require payment of the delinquent account and approved charges as a condition of providing, restoring, or continuing service if the prior account is in the customer's or applicant's name, is delinquent and owed to the utility, and accrued within the last 6 years.

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Ass't VP Regulatory Affairs
Green Bay, Wisconsin



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In Case No: U-11397

STANDARD RULES AND REGULATIONS

Personnel Procedures Required

1. Qualified personnel shall be available and prepared at all times during normal business hours to receive and respond to all customer inquiries, service requests, and complaints. The Company shall make necessary arrangements to insure that customers unable to communicate in the English language receive prompt and effective assistance.
2. Qualified personnel responsible for and authorized to enter into written settlement agreements on behalf of the Company shall be available at all times during normal business hours to respond to customer inquiries and complaints.
3. Qualified personnel shall be available at all times to receive and initiate response to customer contacts regarding any discontinuance of service and emergency conditions occurring within the Company's service area.
4. Names, addresses, and telephone numbers of personnel designated and authorized to receive and respond to the requests and directives of the Commission regarding customer inquiries, service requests, and complaints are current and on file with the Consumer Service Division.

BB. Utility Hearing Officers

1. The Company shall employ or contract with competent Utility Hearing Officers who shall be Notaries Public and qualified to administer oaths and other supporting personnel as necessary to comply with rules pertaining to discontinuance of residential service.
2. Utility Hearing Officers so employed or contracted to comply with Utility Hearing Officers, sub-section 1, and shall function exclusively in this capacity and shall not engage in any other activities for or on behalf of the Company.
3. Utility Hearing Officers and utility hearing procedures shall be subject at all times to investigation and review by the Commission to insure the impartiality and integrity of the hearing process.

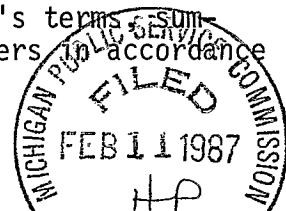
CC. Publication of Procedures

1. The Company shall prepare a pamphlet which, in layman's terms, summarizes the rights and responsibilities of its customers in accordance with these rules and other applicable provisions.

CANCELLED BY
ORDER 4-11397

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Houghton, Michigan

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Dated December 17, 1986

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rendered on and after

December 18, 1986

STANDARD RULES AND REGULATIONS

R 460.2145 Publication of procedures.

Rule 45.

- (1) A utility shall prepare a pamphlet that, in easily understood terms, summarizes the rights and responsibilities of its customers in accordance with these rules and other applicable provisions of statutes, rules, and tariffs.
- (2) A utility shall display the pamphlet prominently and make it available at all utility office locations open to the general public. A utility shall transmit the pamphlet to each new customer upon the commencement of service and shall make it available at all times upon request. Where substantial revisions to or new information required by the provisions of subrule (3) of this rule occur, the utility shall provide the changes to all current customers by a bill insert, revised pamphlet, or a publication that is transmitted to all customers, with a copy to the commission. The form of this transmittal shall be at the discretion of the utility.
- (3) The pamphlet shall contain all of the following information:
 - (a) Billing procedures and estimation standards.
 - (b) Methods for customers to verify billing accuracy.
 - (c) An explanation of the power supply cost recovery or gas cost recovery program.
 - (d) Customer payment standards and procedures.
 - (e) Security deposit and guarantee standards.
 - (f) Shutoff and restoration of service.
 - (g) Inquiry, service, and complaint procedures.
- (4) Each pamphlet shall indicate conspicuously that the pamphlet is provided in accordance with the rules of the commission.

R 460.2146 Access to rules and rates.

Rule 46.

- (1) A utility, except for a rural electric cooperative, shall provide to each customer, within 60 days of commencing service, within 60 days after issuance of a new rate case order, and at least once each year, the following information:
 - (a) A clear and concise explanation of all rates for which that customer may be eligible.
 - (b) A notice that complete rate schedules are available upon request.
 - (c) A notice of the availability of Company assistance in determining the most appropriate rate if the customer is eligible to receive service under more than 1 rate.
- (2) A rural electric cooperative shall provide to each customer, at least annually, the following information:
 - (a) A notice that complete rate schedules are available upon request.
 - (b) A notice that a clear and concise explanation of all rates for which that customer may be eligible is available upon request.
 - (c) A notice of the availability of Company assistance in determining the most appropriate rate if the customer is eligible to receive service under more than 1 rate.

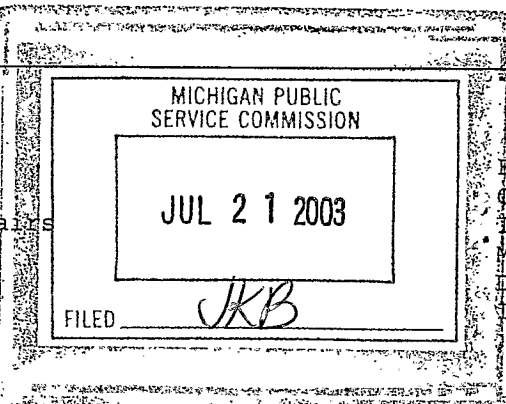
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In Case No: U-14745

STANDARD RULES AND REGULATIONS

- (2) Unless the applicant misrepresents his or her identity or credit standing or fails to provide positive identification, if requested, at the time of applying for service, the utility shall, within 30 days after the applicant applies, decide whether to require a deposit.
- (3) Except in the case of unauthorized use, diversion, or interference, if the utility shuts off service for nonpayment, then the utility shall not require a deposit as a condition of restoring service unless the utility offered the customer, prior to shutoff for nonpayment, the opportunity to enter into a settlement agreement as provided in part 6 of these rules.
- (4) A utility shall pay interest at the rate of 9% per annum on all deposits. A utility shall credit interest semiannually to the service account of the customer or pay it upon the return of the deposit, whichever occurs first.
- (5) The customer's credit shall be established and the utility shall return the deposit and accrued interest upon satisfactory payment by the customer of all proper charges for utility service for a period of 12 consecutive months. A utility may retain the deposit because of unauthorized use, diversion, or interference for a period of 24 months and shall refund the deposit upon satisfactory payment of the final 12 months' charges.
- (6) For purposes of this rule, payment is satisfactory if it is made before the issuance of the notice of shutoff of service for nonpayment that is not in dispute or within 3 days after the issuance of the next succeeding monthly bill, whichever is sooner.
- (7) If the utility has not already returned the deposit, the utility shall credit the deposit, with accrued interest, to the final bill. A utility may apply the deposit against an existing arrearage that is not in dispute. The utility shall promptly return the balance to the customer.
- (8) A utility shall maintain a detailed record of all deposits received from customers. The record shall show all of the following information:
 - (a) The name of the residential customer.
 - (b) The location of the premises occupied by the customer at the time of making the deposit and each successive location while the deposit is retained.
 - (c) The date the customer made the deposit and the amount.
 - (d) The dates the utility paid interest and the amounts.
- (9) If a customer makes a deposit, then the utility shall provide, in writing, a receipt that contains all of the following information:
 - (a) Name of customer.
 - (b) Place of payment.
 - (c) Date of payment.
 - (d) Amount of payment.
 - (e) Identifiable name and signature of the utility employee who receives the deposit.
 - (f) The terms and conditions governing the receipt, retention, and return of the deposit.

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STANDARD RULES AND REGULATIONS

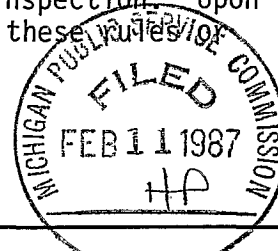
Publication of Procedures (Cont'd.)

2. The pamphlet shall be delivered or mailed to each new customer of the Company upon the commencement of service and shall be available at all times upon request.
3. The pamphlet shall contain information concerning, but not limited to:
 - a. Billing procedures and estimation standards.
 - b. Methods for customers to verify billing accuracy.
 - c. Explanation of operation of power supply cost recovery clauses.
 - d. Customer payment standards and procedures.
 - e. Security deposit and guarantee standards.
 - f. Discontinuation and reconnection of service.
 - g. Inquiry, service, and complaint procedures.
 - h. Public Service Commission consumer procedures.
4. The cover of each pamphlet shall indicate conspicuously that the pamphlet is being provided in accordance with the rules of the Commission and shall indicate in Spanish that the pamphlet or a translation thereof is available in Spanish. Upon request, the Company shall provide the pamphlet or a translation thereof in the Spanish language.

CANCELLED BY
ORDER U-11397
REMOVED BY JKB
DATE 7-21-03

DD. Public Access to Rules and Rates

The Company shall keep on file and provide public access to a copy of these rules, all other rules of the Company as filed with the Commission regarding customer service and schedule of all residential rates and service charges, together with an explanation of the operation of any applicable power supply cost recovery clause at all offices of the Company. Suitable signs shall be posted conspicuously at each such location, calling attention to the public that the rules, regulations, and rate schedules are so filed and available for inspection. Upon request, the Company shall provide one (1) copy of these rules and schedules to a customer without charge.



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E. Argentati
President
Houghton, Michigan

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Dated December 17, 1986

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rendered on and after

December 18, 1986

STANDARD RULES AND REGULATIONS

- (3) A utility, except for a rural electric cooperative, shall provide to each customer, within 60 days after the utility has filed a general rate case application with the commission, the following information:
 - (a) A notice that the utility has requested that the commission change its rates.
 - (b) A notice that copies of the utility's application are available for inspection at all offices of the utility.
 - (c) A notice that an explanation of the proposed changes to the utility's rates is available from the utility upon request.
- (4) A rural electric cooperative shall provide to each customer, within a reasonable time after it has filed a general rate case application or a times interest earned ratio ratemaking application, the following information:
 - (a) A notice that the cooperative has requested that the commission change its rates.
 - (b) A notice that copies of the cooperative's application are available for inspection at all offices of the cooperative.
 - (c) A notice that an explanation of the proposed changes to the cooperative's rates is available from the cooperative upon request.
- (5) A utility, including a rural electric cooperative, shall provide the notice required by the provisions of this rule either through a publication that is transmitted to each of its customers or by a bill insert.
- (6) A utility shall keep on file, at all offices of the utility, and shall provide public access to, all of the following documents:
 - (a) A copy of these rules.
 - (b) A copy of all other rules of the utility as filed with the commission regarding customer service.
 - (c) Schedules of all residential rates and charges.
 - (d) Proposed rate schedules.
 - (e) Clear and concise explanations of both existing and proposed rate schedules.
 - (f) An explanation of its power supply cost recovery or gas cost recovery program.
- (7) A utility shall post suitable signs in conspicuous locations at all bill payment offices that are operated by the utility calling attention to the fact that the rules, regulations, rate schedules, proposed rate schedules, explanations of rate schedules, and explanations of proposed rate schedules are on file and available for inspection. Upon request, a utility shall provide 1 copy of these rules, explanations, or schedules to a customer without charge.

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STANDARD RULES AND REGULATIONS

- (10) A utility shall provide a means by which a customer who is entitled to the return of his or her deposit is not deprived of the deposit even though he or she may be unable to produce the original receipt for the deposit.
- (11) A utility shall apply deposit standards uniformly to all customers.
- (12) For purposes of this rule, both of the following provisions apply:
 - (a) The premises's average peak season monthly bill is defined as the highest 5 consecutive month period of consumption at the premises within the previous 12-month period, divided by 5, priced at current rates.
 - (b) The utility's system average peak season monthly bill is defined as the average peak season monthly bill computed for all residential premises on the utility's system.

R 460.2135 Rescinded.

R 460.2136 Guarantee terms and conditions.

Rule 36.

- (1) A guarantee that is accepted in accordance with these rules shall be in writing and shall be in effect for not more than 12 months. The written guarantee shall state all of the terms of the guarantee and the maximum amount guaranteed. The utility shall not hold the guarantor liable for a greater amount, unless agreed to in a separate written guarantee.
- (2) The customer's credit shall be established and the utility shall release the guarantor upon satisfactory payment by the customer of all proper charges for utility service for a period of 12 consecutive months, unless the guarantee was required due to unauthorized use, diversion, or interference.
- (3) A utility may retain a guarantee resulting from unauthorized use, diversion, or interference for 24 months and shall release the guarantor upon satisfactory payment of the final 12 months' charges.
- (4) For purposes of this rule, payment is satisfactory if it is made before the issuance of a notice of shutoff of service for nonpayment that is not in dispute or within 3 days after the issuance of the next succeeding monthly bill, whichever is sooner.
- (5) A utility may withhold the release of a guarantor pending the resolution of a shutoff for nonpayment that is in dispute in accordance with these rules.

R 460.2137 Rescinded.

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Green Bay, Wisconsin

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EE. Reporting Requirement

The Company shall file a quarterly report within 20 days after the end of each calendar quarter with the Consumer Services Division, which, in detail, contains information concerning:

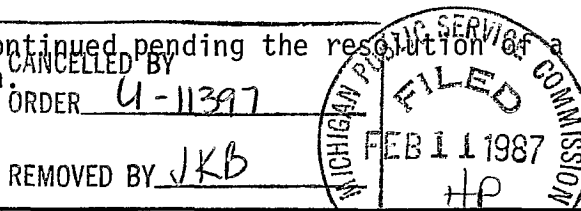
1. The payment performance of its customers in relation to established due and payable periods.
2. The number and general description of all complaints registered with the Company.
3. The number of discontinuation notices issued by the Company and the reasons therefore.
4. The number of hearings held by the Company, the type of the dispute relating thereto and the number of complaint determinations issued.
5. The number of written settlement agreements entered into by the Company and a synopsis of the terms, conditions, and standards upon which the settlement agreements were entered into.
6. The actual number of discontinuations of service and the number of reconnections.
7. A critique of the performance of the Consumer Services Division of the Commission.

FF. Inspection

The Company shall permit authorized staff of the Commission to inspect all of the Company's operations relating to customer service.

GG. Time of Discontinuation

1. Subject to the requirements of these rules, the Company may discontinue service to a residential customer on the date specified in the notice of discontinuation or within a reasonable time thereafter, only between the hours of 8:00 a.m. and 4:00 p.m.
2. Service shall not be discontinued on a day, or a day immediately preceding a day, when the services of the Company are not available to the general public for the purpose of reconnecting discontinued service.
3. Service shall not be discontinued pending the resolution of a complaint with the Commission.



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E. Argentati
President
Houghton, Michigan

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In Case no. U-8518

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December 18, 1986

STANDARD RULES AND REGULATIONS

R 460.2147 Reporting requirements.

Rule 47. Upon request, a utility shall file with the commission, a report that contains detailed information concerning all of the following:

- (a) The payment performance of its customers in relation to established due and payable periods.
- (b) The number and general description of all complaints registered with the utility.
- (c) The number of shutoff notices issued by the utility and the reasons for the notices.
- (d) The number of hearings held by the utility, the types of disputes involved, and the number of complaint determinations issued.
- (e) The number of written settlement agreements entered into by the utility.
- (f) The number of shutoffs of service and the number of reconnections.

R 460.2148 Inspection.

Rule 48. A utility shall permit authorized staff of the commission to inspect all of the utility's operations that relate to customer service.

R 460.2149 Customer access to consumption data.

Rule 49. A utility shall provide to each customer, upon request, a clear and concise statement of the customer's actual energy usage, or degree-day adjusted energy usage, for each billing period during the last 12 months unless that data is not reasonably ascertainable by the utility. A utility shall notify its customers at least once each year that a customer may request consumption data.

R 460.2150 Application for service.

Rule 50.

- (1) Unless the applicant has had one or more shutoffs, a utility shall not require other adults who will be residing at the premises for which service is requested to sign an application for service. A utility shall permit more than 1 name on the application if requested by the customer.
- (2) If the applicant is renting the premises for which service is requested, a utility may require proof that the applicant is a tenant. Written or oral confirmation by the manager, landlord, or owner of the property or a copy of the lease submitted by the manager, landlord, or owner of the property is sufficient proof.

STANDARD RULES AND REGULATIONS

PART 4. UTILITY PROCEDURES

R 460.2141 Applicability.

Rule 41. These procedures apply to all customer inquiries, service requests, and complaints that are made to a utility regarding residential utility service and charges.

R 460.2142 Complaint procedures.

Rule 42.

- (1) A utility shall establish procedures that will ensure the prompt, efficient, and thorough receipt, investigation, and, where possible, resolution of all customer inquiries, service requests, and complaints.
- (2) A utility shall obtain commission approval of any substantive changes in its procedures.

R 460.2143 Personnel procedures.

Rule 43. A utility shall establish personnel procedures that, at a minimum, ensure all of the following:

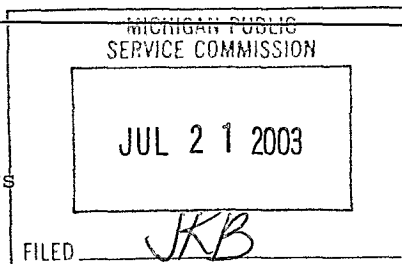
- (a) That qualified personnel are available and prepared at all times during normal business hours to receive and respond to all customer inquiries, service requests, and complaints. A utility shall make the necessary arrangements to ensure that customers who are unable to communicate in the English language receive prompt and effective assistance.
- (b) That qualified personnel who are responsible for, and authorized to enter into, written settlement agreements on behalf of the utility are available at all times during normal business hours to respond to customer inquiries and complaints.
- (c) That qualified personnel are available at all times to receive and respond to customer contacts regarding any shutoff of service and emergency conditions that occur within the utility's service area.
- (d) That the names, addresses, and telephone numbers of personnel who are designated and authorized to receive and respond to the requests and directives of the commission regarding customer inquiries, service requests, and complaints are current and on file with the commission.

R 460.2144 Utility hearing officers.

Rule 44.

- (1) A utility shall employ or contract with competent utility hearing officers, who shall be notaries public and qualified to administer oaths, and other supporting personnel as necessary to comply with the provisions of part 6 of these rules.
- (2) Utility hearing officers who are employed or contracted to comply with the provisions of part 6 of these rules shall not engage in any other activities for or on behalf of the utility.
- (3) Utility hearing officers and utility hearing procedures shall be subject to investigation and review by the commission to ensure the impartiality and integrity of the hearing process.

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Ass't VP Regulatory Affairs
Green Bay, Wisconsin

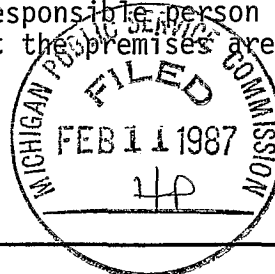


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STANDARD RULES AND REGULATIONS

HH. Manner of Discontinuation

1. At least one (1) day preceding physical discontinuation of service, the Company shall make reasonable efforts to contact the customer by telephone to advise the customer of the pending action and what steps must be taken to avoid discontinuation.
2. Immediately preceding the physical disconnection of service, the employee of the Company designated to perform such function shall identify himself to the customer or other responsible person then upon the premises and shall announce the purpose of his presence.
3. The employee of the Company shall have in his possession the past due account of the customer and request any available verification that the outstanding claims have been satisfied or are currently in dispute. Upon the presentation of evidence which reasonably indicates that the claim has been satisfied or is currently in dispute, service shall not be discontinued.
4. The employee of the Company may be authorized to accept payment and in such case shall not discontinue service if the customer then and there tenders payment in full, together with a reasonable charge for sending the employee to the premises, if provided in the Company's schedule of rates and tariffs.
5. Payment may be made by the customer in any reasonable manner, including personal check. Payment by personal check is not reasonable if the customer has, on a previous occasion within the last three (3) years, tendered payment in this manner and the check has been returned for insufficient funds or no account.
6. If prior telephone contact has not been made as provided in subrule (1) and the customer or other responsible person is not in or upon the premises, the employee of the Company shall leave notice in a manner conspicuous to the customer that service will be discontinued on the next business day unless outstanding claims have been satisfied. If the customer or other responsible person has been telephonically contacted, service may be discontinued immediately.
7. If the customer or other responsible person is not in or upon the premises upon the return of the employee of the Company, or upon the first visit if the customer or other responsible person does not respond when it reasonably appears that the premises are occupied, the employee may discontinue service.



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|--------------|---------------|
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| DATE | 7-21-03 |

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E. Argentati
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December 18, 1986

STANDARD RULES AND REGULATIONS

PART 5. PHYSICAL SHUTOFF OF SERVICE

R 460.2151 Time of shutoff.

Rule 51.

- (1) Subject to the requirements of these rules, a utility may shut off service to a customer on the date specified in the notice of shutoff or at a reasonable time following that date. If a utility does not shut off service and mails a subsequent notice, then the utility shall not shut off service before the date specified in the subsequent notice. Shutoff shall occur only between the hours of 8 a.m. and 4 p.m.
- (2) A utility shall not shut off service on a day, or a day immediately preceding a day, when the services of the utility are not available to the general public for the purpose of restoring service and shall not shut off service on a Friday during the space heating season to a customer who has defaulted on the winter protection plan as defined in these rules.
- (3) A utility shall not shut off service for an amount that is in dispute while a customer is awaiting the resolution of a complaint with the commission or the utility in accordance with these rules.

R 460.2152 Manner of shutoff.

Rule 52.

- (1) At least 1 day preceding shutoff of service, the utility shall make not less than 2 attempts to contact the customer by telephone if a telephone number is accessible to the utility to advise the customer of the pending action and what steps the customer must take to avoid shutoff. The utility shall either document all attempts to contact the customer or shall document that automated procedures are in place that will make at least 2 attempts to contact the customer by telephone.
- (2) Immediately preceding the shutoff of service, an employee of the utility who is designated to perform that function shall identify himself or herself to the customer or another responsible person at the premises and shall announce the purpose of his or her presence.
- (3) The employee shall have in his or her possession a copy of the delinquent account of the customer and request any available verification that the outstanding claims have been satisfied or are currently in dispute. Unless the customer presents evidence that reasonably indicates that the claim has been satisfied or is currently in dispute, the employee may shut off service.
- (4) The employee may be authorized to accept payment and shall not shut off service if the customer offers payment in full, together with a reasonable charge for sending the employee to the premises, if provided in the utility's schedule of rates and tariffs.
- (5) The customer may pay in any reasonable manner, including personal check. Payment by personal check is not reasonable if the customer has paid with a personal check within the last 12 months and the check has been returned for insufficient funds or no account, excluding bank error.

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STANDARD RULES AND REGULATIONS

R 460.2145 Publication of procedures.

Rule 45.

- (1) A utility shall prepare a pamphlet that, in easily understood terms, summarizes the rights and responsibilities of its customers in accordance with these rules and other applicable provisions of statutes, rules, and tariffs.
- (2) A utility shall display the pamphlet prominently and make it available at all utility office locations open to the general public. A utility shall transmit the pamphlet to each new customer upon the commencement of service and shall make it available at all times upon request. Where substantial revisions to or new information required by the provisions of subrule (3) of this rule occur, the utility shall provide the changes to all current customers by a bill insert, revised pamphlet, or a publication that is transmitted to all customers, with a copy to the commission. The form of this transmittal shall be at the discretion of the utility.
- (3) The pamphlet shall contain all of the following information:
 - (a) Billing procedures and estimation standards.
 - (b) Methods for customers to verify billing accuracy.
 - (c) An explanation of the power supply cost recovery or gas cost recovery program.
 - (d) Customer payment standards and procedures.
 - (e) Security deposit and guarantee standards.
 - (f) Shutoff and restoration of service.
 - (g) Inquiry, service, and complaint procedures.
- (4) Each pamphlet shall indicate conspicuously that the pamphlet is provided in accordance with the rules of the commission.

R 460.2146 Access to rules and rates.

Rule 46.

- (1) A utility, except for a rural electric cooperative, shall provide to each customer, within 60 days of commencing service, within 60 days after issuance of a new rate case order, and at least once each year, the following information:
 - (a) A clear and concise explanation of all rates for which that customer may be eligible.
 - (b) A notice that complete rate schedules are available upon request.
 - (c) A notice of the availability of company assistance in determining the most appropriate rate if the customer is eligible to receive service under more than 1 rate.
- (2) A rural electric cooperative shall provide to each customer, at least annually, the following information:
 - (a) A notice that complete rate schedules are available upon request.
 - (b) A notice that a clear and concise explanation of all rates for which that customer may be eligible is available upon request.
 - (c) A notice of the availability of company assistance in determining the most appropriate rate if the customer is eligible to receive service under more than 1 rate.

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Green Bay, Wisconsin

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STANDARD RULES AND REGULATIONS

Manner of Discontinuation (Cont'd.)

8. When service is discontinued, the employee of the Company shall leave notice upon the premises in a manner conspicuous to the customer that service has been discontinued and the address and telephone number of the Company where the customer may arrange to have service restored.

II. Medical Emergency

Notwithstanding any other provision of these rules, the Company shall postpone the physical discontinuation of utility service to a residential customer for a reasonable time, not in excess of 21 days, if the customer produces a physician's certificate or notice from a public health or social services official which states that physical discontinuation will aggravate an existent medical emergency of the customer, a member of his family or other permanent resident of the premises where service is rendered. The certificate shall identify the medical emergency and specify the period of time during which discontinuation will aggravate the circumstances. The postponement may be extended by renewal of the certificate or notice.

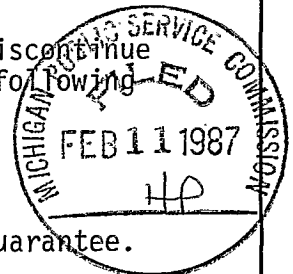
JJ. Restoration of Service

1. After service has been discontinued, the Company shall restore service promptly upon the customer's request when the cause for discontinuation of service has been cured or credit arrangements satisfactory to the Company have been made.
2. Every effort shall be made to restore service at all times upon the day restoration is requested and in any event, restoration shall be made no later than the first working day after the day of the request of the customer.
3. The Company shall charge the customer a fee reasonably related to the manner in which service was discontinued for restoration of that service, if such fees are provided in the Company's approved schedule of rates and tariffs.

KK. Discontinuance

Subject to the requirements of these rules, the Company may discontinue service to a residential customer for one (1) or more of the following reasons:

1. Nonpayment of a delinquent account.
2. Failure to post a cash security deposit or other form of guarantee.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

STANDARD RULES AND REGULATIONS

- (6) If the customer or another responsible person is not at the premises and the utility has not made the prior telephone contact provided in subrule (1) of this rule, the employee shall leave notice, in a manner that is conspicuous to the customer, that service will be shut off on or after the next business day unless the customer satisfies the outstanding claims. If the customer or another responsible person is not at the premises and the utility has made prior telephone contact with the customer or another responsible person, the employee may shut off service immediately.
- (7) If the customer or another responsible person is not at the premises upon the return of the employee, or upon the first visit if the customer or another responsible person does not respond when it reasonably appears that he or she is at the premises, the employee may shut off service.
- (8) When the employee shuts off service, the employee shall leave a notice in a conspicuous place upon the premises. The notice shall state that service has been shut off, the address and telephone number of the utility where the customer may arrange to have service restored, and, for all forms printed after the effective date of these rules, that efforts by the customer to restore his or her own service are unlawful and dangerous.

R 460.2153 Medical emergency.

Rule 53. Notwithstanding any other provision of these rules, a utility shall postpone the shutoff of service for a reasonable time, but not for more than 21 days, if the customer produces a physician's certificate or notice from a public health or social services official stating that the shutoff of service will aggravate an existing medical emergency of the customer, a member of his or her family, or another permanent resident of the premises. The certificate shall identify the medical emergency and specify the period of time during which shutoff will aggravate the emergency. The utility shall extend the postponement for further periods of not more than 21 days, not to exceed a total postponement of shutoff of service of 63 days, only if the customer produces a physician's certificate. If shutoff of service has occurred without any postponement being obtained, the utility shall restore service for a reasonable time, but not for more than 21 days, and shall continue the restoration for further periods of not more than 21 days, not to exceed a total restoration of service of 63 days, only upon the customer providing a physician's certificate.

R 460.2154 Restoration of service.

Rule 54.

- (1) After a utility has shut off service, it shall restore service promptly upon the customer's request when the cause has been cured or credit arrangements satisfactory to the utility have been made.
- (2) When a utility shuts off service at the customer's meter, the utility shall make every effort to restore service on the day the customer requests restoration. Except for reasons beyond its control, the utility shall restore service not later than the first working day after the customer's request.
- (3) The utility may assess the customer a charge, including reasonable costs, for restoring service and relocating the customer's meter as specified in the utility's approved schedule of rates and tariffs.

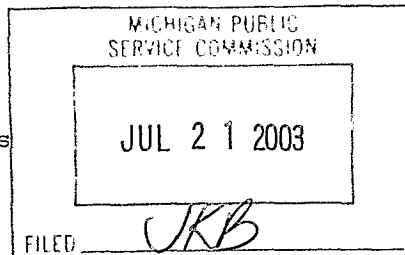
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VP Regulatory Affairs
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On and After 6-28-06
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Dated 6-27-06
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STANDARD RULES AND REGULATIONS

- (3) A utility, except for a rural electric cooperative, shall provide to each customer, within 60 days after the utility has filed a general rate case application with the commission, the following information:
 - (a) A notice that the utility has requested that the commission change its rates.
 - (b) A notice that copies of the utility's application are available for inspection at all offices of the utility.
 - (c) A notice that an explanation of the proposed changes to the utility's rates is available from the utility upon request.
- (4) A rural electric cooperative shall provide to each customer, within a reasonable time after it has filed a general rate case application or a times interest earned ratio ratemaking application, the following information:
 - (a) A notice that the cooperative has requested that the commission change its rates.
 - (b) A notice that copies of the cooperative's application are available for inspection at all offices of the cooperative.
 - (c) A notice that an explanation of the proposed changes to the cooperative's rates is available from the cooperative upon request.
- (5) A utility, including a rural electric cooperative, shall provide the notice required by the provisions of this rule either through a publication that is transmitted to each of its customers or by a bill insert.
- (6) A utility shall keep on file, at all offices of the utility, and shall provide public access to, all of the following documents:
 - (a) A copy of these rules.
 - (b) A copy of all other rules of the utility as filed with the commission regarding customer service.
 - (c) Schedules of all residential rates and charges.
 - (d) Proposed rate schedules.
 - (e) Clear and concise explanations of both existing and proposed rate schedules.
 - (f) An explanation of its power supply cost recovery or gas cost recovery program.
- (7) A utility shall post suitable signs in conspicuous locations at all bill payment offices that are operated by the utility calling attention to the fact that the rules, regulations, rate schedules, proposed rate schedules, explanations of rate schedules, and explanations of proposed rate schedules are on file and available for inspection. Upon request, a utility shall provide 1 copy of these rules, explanations, or schedules to a customer without charge.

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Ass't VP Regulatory Affairs
Green Bay, Wisconsin



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STANDARD RULES AND REGULATIONS

Discontinuance (Cont'd.)

3. Unauthorized interference with or diversion or use of service situated or delivered on or about the customer's premises.
4. Failure to comply with the terms and conditions of a settlement agreement.
5. Refusal to grant access at reasonable times to equipment installed upon the premises of the customer for the purpose of inspection, meter reading, maintenance, or replacement.
6. Misrepresentation of identity for the purpose of obtaining utility service.
7. Violation of any other rules of the Company on file with and approved by the Commission which adversely affects the safety of the customer or other persons or the integrity of the Company's energy delivery system.

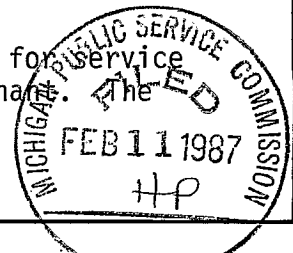
LL. Discontinuance of Service Prohibited

- A. None of the following shall constitute sufficient cause for the Company to discontinue service:
 1. The failure of a customer to pay for merchandise, appliances, or services not approved by the Commission as an integral part of the utility service provided by the Company.
 2. The failure of the customer to pay for concurrent service received at a separate metering point, residence, or location. In the event of discontinuation or termination of service at a separate residential metering point, residence or location in accordance with these rules, the Company may transfer any unpaid balance to any other residential service account of the customer.
 3. The failure of the customer to pay for a different class of service received at the same or different location. The placing of more than one (1) meter at the same location for the purpose of billing the usage of specific domestic energy-using devices under optional rate schedules or provisions is not construed as a different class of service for the purpose of this rule.
 4. The failure of a customer, such as a landlord, to pay for service where service is used by another person, such as a tenant. The Company may discontinue service, however;

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ORDER U-11397

REMOVED BY JKB

DATE 7-21-03



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E. Argentati
President
Houghton, Michigan

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Dated December 17, 1986

In Case no. U-8518

Effective for electric service
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December 18, 1986

STANDARD RULES AND REGULATIONS

R 460.2155 Charges for meter relocation.

Rule 55. A utility may assess a meter relocation charge pursuant to the provisions of R 460.2154(3) in any of the following situations:

- (a) The utility shut off service by disconnection at the street or pole because the utility could not obtain access to the meter.
- (b) The utility shut off service for nonpayment on 2 prior occasions.
- (c) The customer or another responsible adult refused to permit the utility access to the meter on 5 separate occasions and all of the following provisions apply:
 - (i) The utility can produce documentation of written requests for access.
 - (ii) The utility determines that the account is 3 or more months in arrears and is not in dispute.
 - (iii) The utility has employed reasonable efforts to secure access to the meter.
- (d) The utility shut off service due to unauthorized use, diversion, or interference, or the customer acknowledges personal responsibility and the utility bills him or her for unauthorized use, diversion, or interference.

PART 6. PROCEDURES FOR SHUTOFF OR TERMINATION OF SERVICE

R 460.2161 Shutoff permitted.

Rule 61. Subject to the requirements of these rules, a utility may shut off or terminate service to a residential customer for any of the following reasons:

- (a) The customer has not paid a delinquent account that accrued within the last 6 years.
- (b) The customer has failed to provide a deposit or guarantee permitted by these rules.
- (c) The customer or others have caused the unauthorized use, diversion, or interference with the utility service situated or delivered on or about the customer's premises.
- (d) The customer has failed to comply with the terms and conditions of a settlement agreement.
- (e) The customer has refused to arrange access at reasonable times for the purpose of inspection, meter reading, maintenance, or the replacement of equipment that is installed upon the premises.
- (f) The customer has misrepresented his or her identity for the purpose of obtaining utility service.
- (g) The customer has violated any rules of the utility approved by the commission so as to adversely affect the safety of the customer or other persons or the integrity of the utility system.

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STANDARD RULES AND REGULATIONS

R 460.2147 Reporting requirements.

Rule 47. Upon request, a utility shall file with the commission, a report that contains detailed information concerning all of the following:

- (a) The payment performance of its customers in relation to established due and payable periods.
- (b) The number and general description of all complaints registered with the utility.
- (c) The number of shutoff notices issued by the utility and the reasons for the notices.
- (d) The number of hearings held by the utility, the types of disputes involved, and the number of complaint determinations issued.
- (e) The number of written settlement agreements entered into by the utility.
- (f) The number of shutoffs of service and the number of reconnections.

R 460.2148 Inspection.

Rule 48. A utility shall permit authorized staff of the commission to inspect all of the utility's operations that relate to customer service.

R 460.2149 Customer access to consumption data.

Rule 49. A utility shall provide to each customer, upon request, a clear and concise statement of the customer's actual energy usage, or degree-day adjusted energy usage, for each billing period during the last 12 months unless that data is not reasonably ascertainable by the utility. A utility shall notify its customers at least once each year that a customer may request consumption data.

R 460.2150 Application for service.

Rule 50.

- (1) Unless the applicant has had one or more shutoffs, a utility shall not require other adults who will be residing at the premises for which service is requested to sign an application for service. A utility shall permit more than 1 name on the application if requested by the customer.
- (2) If the applicant is renting the premises for which service is requested, a utility may require proof that the applicant is a tenant. Written or oral confirmation by the manager, landlord, or owner of the property or a copy of the lease submitted by the manager, landlord, or owner of the property is sufficient proof.

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Green Bay, Wisconsin

MICHIGAN PUBLIC
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STANDARD RULES AND REGULATIONS

Discontinuance of Service Prohibited (Cont'd.)

- a. If the customer supplies a written statement under oath that the premises are unoccupied.
- b. If the premises are occupied, and the occupant agrees to writing to the discontinuation of service.
- c. If it is not feasible to provide service to the occupant as a customer without a major revision of existing distribution facilities. Where it is feasible to so provide service, the Company, after providing notice as required in these rules, shall offer the occupant the opportunity to subscribe for service in his own name. If the occupant then declines to so subscribe, the Company may discontinue service pursuant to these rules. The Company shall not attempt to recover, or condition service upon the payment of any outstanding bills or other charges due upon the account of any other person.

- B. As used in this rule, the term "Eligible Customer" means any utility customer who receives supplemental security income, aid to families with dependent children or general assistance if the Department of Social Services' Voluntary Heating Fuel Program is unavailable to the recipient, food stamps, or medicaid or whose household income does not exceed the following levels:

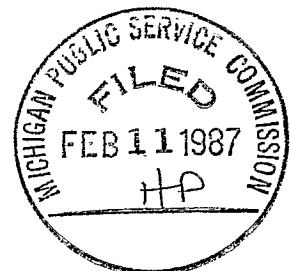
| <u>NUMBER OF HOUSEHOLD MEMBERS</u> | <u>MAXIMUM INCOME</u> |
|--|-----------------------|
| 1 | \$ 6,700.00 |
| 2 | 9,050.00 |
| 3 | 11,400.00 |
| 4 | 13,750.00 |
| 5 | 16,100.00 |
| 6 | 18,450.00 |
| 7 | 20,800.00 |
| 8 | 23,150.00 |

For more than 8 household members add \$2,350 for each additional member.

The Commission shall annually increase or decrease household income levels by the same percentage increase or decrease in the Bureau of Labor Statistics' Lower Living Standard.

- C. Utility service to an eligible customer shall not be discontinued during the space heating season for nonpayment of a delinquent account if the eligible customer pays to the utility a monthly amount equal to

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|-----------------------|
| CANCELLED BY |
| ORDER <u>U-11397</u> |
| REMOVED BY <u>JKB</u> |
| DATE <u>7-21-03</u> |



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

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Dated December 17, 1986

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December 18, 1986

STANDARD RULES AND REGULATIONS

- (h) A current member of the customer's household has not paid a delinquent account for service that is not in dispute and that is owed by that person, if the customer lived at the same residence served by the utility at the time that all or part of the debt was incurred by the current member of the customer's household. This subdivision shall not apply if the utility holds a deposit pursuant to the provisions of R 460.2131(1)(e).
- (i) The customer has requested the termination of service. The utility shall make reasonable efforts to determine that the customer of record has authorized the termination of service.

R 460.2162 Shutoff prohibited.

Rule 62. A utility shall not shut off service for any of the following reasons:

- (a) The customer has not paid for items, such as merchandise, appliances, or services, that are not approved by the commission as an integral part of the utility service that is provided by the utility.
- (b) The customer has not paid for concurrent service received at a separate metering point, residence, or location.
- (c) The customer has not paid for a different class of service received at the same or a different location. The placing of more than 1 meter at the same location for the purpose of billing the usage of specific residential energy-using devices under optional rate schedules or provisions is not a different class of service for the purposes of this rule.
- (d) The customer, such as a landlord, has not paid for service used by another person, such as a tenant. A utility may shut off service, however, in any of the following circumstances:
 - (i) If the customer supplies a written statement under oath that the premises are unoccupied.
 - (ii) If the premises are occupied and the occupant agrees, in writing, to the shutoff of service.
 - (iii) If it is not feasible to provide service to the occupant as a customer without a major revision of existing distribution facilities. Where it is feasible to provide service, the utility, after providing notice as required in these rules, shall offer the occupant the opportunity to subscribe for service in his or her own name. If the occupant refuses, the utility may shut off service pursuant to these rules.

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STANDARD RULES AND REGULATIONS

PART 5. PHYSICAL SHUTOFF OF SERVICE

R 460.2151 Time of shutoff.

Rule 51.

- (1) Subject to the requirements of these rules, a utility may shut off service to a customer on the date specified in the notice of shutoff or at a reasonable time following that date. If a utility does not shut off service and mails a subsequent notice, then the utility shall not shut off service before the date specified in the subsequent notice. Shutoff shall occur only between the hours of 8 a.m. and 4 p.m.
- (2) A utility shall not shut off service on a day, or a day immediately preceding a day, when the services of the utility are not available to the general public for the purpose of restoring service and shall not shut off service on a Friday during the space heating season to a customer who has defaulted on the winter protection plan as defined in these rules.
- (3) A utility shall not shut off service for an amount that is in dispute while a customer is awaiting the resolution of a complaint with the commission or the utility in accordance with these rules.

R 460.2152 Manner of shutoff.

Rule 52.

- (1) At least 1 day preceding shutoff of service, the utility shall make not less than 2 attempts to contact the customer by telephone if a telephone number is accessible to the utility to advise the customer of the pending action and what steps the customer must take to avoid shutoff. The utility shall either document all attempts to contact the customer or shall document that automated procedures are in place that will make at least 2 attempts to contact the customer by telephone.
- (2) Immediately preceding the shutoff of service, an employee of the utility who is designated to perform that function shall identify himself or herself to the customer or another responsible person at the premises and shall announce the purpose of his or her presence.
- (3) The employee shall have in his or her possession a copy of the delinquent account of the customer and request any available verification that the outstanding claims have been satisfied or are currently in dispute. Unless the customer presents evidence that reasonably indicates that the claim has been satisfied or is currently in dispute, the employee may shut off service.
- (4) The employee may be authorized to accept payment and shall not shut off service if the customer offers payment in full, together with a reasonable charge for sending the employee to the premises, if provided in the utility's schedule of rates and tariffs.
- (5) The customer may pay in any reasonable manner, including personal check. Payment by personal check is not reasonable if the customer has paid with a personal check within the last 12 months and the check has been returned for insufficient funds or no account, excluding bank error.

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Ass't VP Regulatory Affairs
Green Bay, Wisconsin

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STANDARD RULES AND REGULATIONS

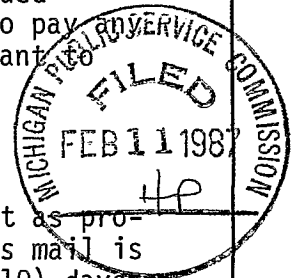
Discontinuance of Service Prohibited (Cont'd.)

not less than 7% of the estimated annual bill for the eligible customer and the eligible customer demonstrates, within 10 business days of requesting shut-off protection, that he or she has made application for State or Federal heating assistance. If an arrearage exists at the time an eligible customer applies for protection from discontinuance of service during the space heating season, the utility shall permit the customer to pay the arrearage in not less than 12 equal monthly installments.

- D. A utility may discontinue service to an eligible customer who does not pay the monthly amounts referred to in subrule (C) of this rule after giving notice in the manner set forth in these rules. The utility is not required to offer a settlement agreement to an eligible customer who fails to make the monthly payments referred to in subrule (C) of this rule.
- E. At the conclusion of the space heating season, the utility shall reconcile the accounts of eligible customers and permit customers to pay any amounts owing in equal monthly installments between March 31 and December 1. Service to eligible customers who fail to make installments on a timely basis may be discontinued in the manner required by this part.
- F. An eligible customer whose utility service has been discontinued before applying for winter protection shall not be required to pay fee for the restoral of service or any security deposit pursuant to Rule R during the space heating season.

MM. Notice of Discontinuation of Service

1. The Company shall not discontinue residential service pursuant as provided in "Discontinuance" unless written notice by first class mail is sent to the customer or personally served not less than ten (10) days before the date of the proposed discontinuance. Notice shall be sent to the account name and address and to the address where service is provided, if different. Service of notice by mail is complete upon mailing. The Company shall maintain an accurate record of the date of mailing.
2. A utility shall permit a residential customer to designate a consenting individual or agency to receive a copy of any notice of discontinuation sent by the utility to the customer.
3. Not less than thirty (30) days before the proposed discontinuance of service to a single-metered dwelling used as a residence for five or more families, a utility shall mail or deliver a notice, if possible,



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E. Argentati
President
Houghton, Michigan

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December 18, 1986

STANDARD RULES AND REGULATIONS

R 460.2163 Notice of shutoff.

Rule 63.

- (1) A utility shall not shut off service pursuant to the provisions of R 460.2161 unless it transmits a notice, by first-class mail, to the customer or personally serves the notice not less than 10 days before the date of the proposed shut off. The utility shall send notice to the account name and address and to the address where service is provided if the service address is different and the transmittal can be delivered at that address. A utility shall maintain a record of the date of transmittal.
- (2) A utility shall permit a customer to designate a consenting individual or agency to receive a copy of a notice of shutoff.
- (3) Not less than 30 days before the proposed shutoff of service to a single-metered dwelling that is used as a residence for five or more families, a utility shall transmit a notice to each dwelling unit that indicates that the customer of record, the landlord, has failed to pay an outstanding bill and is subject to shutoff of service on or after a specified date.

R 460.2164 Form of notice.

Rule 64. A notice of shutoff of service shall contain all of the following information:

- (a) The name and address of the customer and, if available, the address at which service is provided, if different.
- (b) A clear and concise reason for the proposed shutoff of service.
- (c) The date on or after which the utility may shut off service, unless the customer takes appropriate action.
- (d) That the customer has the right to enter into a settlement agreement with the utility if the claim is for an amount that is not in dispute and the customer is presently unable to pay in full.
- (e) That the customer has the right to file a complaint disputing the claim of the utility before the proposed date of the shutoff of service.
- (f) That the customer has the right to request a hearing before a utility hearing officer if the complaint cannot be otherwise resolved and that the customer must pay to the utility that portion of the bill that is not in dispute within 3 days of the date that the customer requested a hearing.
- (g) That the customer has the right to represent himself or herself, to be represented by counsel, or to be assisted by other persons of his or her choice in the complaint process.
- (h) That the utility will not shut off service pending the resolution of a complaint that is filed with the utility in accordance with these rules.
- (i) The telephone number and address of the utility where the customer may make inquiry, enter into a settlement agreement, or file a complaint.
- (j) That the customer should contact a social services agency immediately if the customer believes he or she might be eligible for emergency economic assistance.

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STANDARD RULES AND REGULATIONS

- (6) If the customer or another responsible person is not at the premises and the utility has not made the prior telephone contact provided in subrule (1) of this rule, the employee shall leave notice, in a manner that is conspicuous to the customer, that service will be shut off on or after the next business day unless the customer satisfies the outstanding claims. If the customer or another responsible person is not at the premises and the utility has made prior telephone contact with the customer or another responsible person, the employee may shut off service immediately.
- (7) If the customer or another responsible person is not at the premises upon the return of the employee, or upon the first visit if the customer or another responsible person does not respond when it reasonably appears that he or she is at the premises, the employee may shut off service.
- (8) When the employee shuts off service, the employee shall leave a notice in a conspicuous place upon the premises. The notice shall state that service has been shut off, the address and telephone number of the utility where the customer may arrange to have service restored, and, for all forms printed after the effective date of these rules, that efforts by the customer to restore his or her own service are unlawful and dangerous.

R 460.2153 Medical emergency.

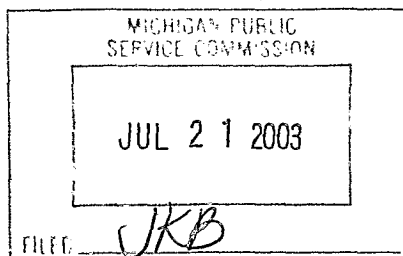
Rule 53. Notwithstanding any other provision of these rules, a utility shall postpone the shutoff of service for a reasonable time, but not for more than 21 days, if the customer produces a physician's certificate or notice from a public health or social services official stating that the shutoff of service will aggravate an existing medical emergency of the customer, a member of his or her family, or another permanent resident of the premises. The certificate shall identify the medical emergency and specify the period of time during which shutoff will aggravate the emergency. The utility shall extend the postponement for further periods of not more than 21 days, not to exceed a total postponement of shutoff of service of 63 days, only if the customer produces a physician's certificate. If shutoff of service has occurred without any postponement being obtained, the utility shall restore service for a reasonable time, but not for more than 21 days, and shall continue the restoration for further periods of not more than 21 days, not to exceed a total restoration of service of 63 days, only upon the customer providing a physician's certificate.

R 460.2154 Restoration of service.

Rule 54.

- (1) After a utility has shut off service, it shall restore service promptly upon the customer's request when the cause has been cured or credit arrangements satisfactory to the utility have been made.
- (2) When a utility shuts off service at the customer's meter, the utility shall make every effort to restore service on the day the customer requests restoration. Except for reasons beyond its control, the utility shall restore service not later than the first working day after the customer's request.
- (3) The utility may assess the customer a charge, including reasonable costs, for restoring service and relocating the customer's meter as specified in the utility's approved schedule of rates and tariffs.

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Ass't VP Regulatory Affairs
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STANDARD RULES AND REGULATIONS

REMOVED BY JKB

Notice of Discontinuance of Service (Cont'd.)

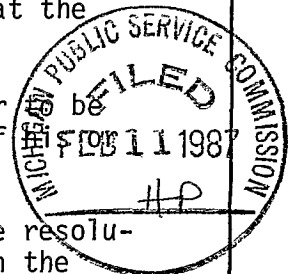
to each dwelling unit which indicates that the customer of record, the landlord, has failed to pay an outstanding bill and is subject to termination of service on or after a specified date.

DATE 7-21-03

NN. Form of Notice

Notice of discontinuation of service shall contain all of the following information:

1. The name and address of the customer and the address of the service, if different.
2. A clear and concise statement of the reason for the proposed discontinuation of service.
3. The date, or within a reasonable time thereafter, on which service will be discontinued unless the customer takes appropriate action.
4. The right of the customer to enter into a settlement agreement with the Company if the claim is for moneys not in dispute and the customer is presently unable to pay in full the amount due the Company.
5. The right of the customer to file a complaint disputing the claim of the Company prior to date of the proposed discontinuation of service.
6. The right of the customer to request a hearing before a Utility Hearing Officer if the complaint cannot be otherwise resolved and a statement that the customer must pay to the Company that portion of the bill not in dispute within three (3) days of the date that the hearing is requested.
7. The right of the customer to represent himself or herself, or be represented by counsel, or to be assisted by other persons of her choice in the complaint process.
8. A statement that service will not be discontinued pending the resolution of a complaint filed with the Company in accordance with the rules of the Michigan Public Service Commission.
9. The telephone number and address of the Company where the customer may make inquiry, enter into a settlement agreement or file a complaint.
10. A statement advising the customer to contact a social service agency immediately if the customer believes he or she might be eligible for emergency economic assistance.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

STANDARD RULES AND REGULATIONS

- (k) That the utility will postpone the shutoff of service if a medical emergency exists at the customer's residence.
- (l) That the utility may require a deposit and restoration charge if the utility shuts off service for nonpayment of a delinquent account.
- (m) That the customer should contact the utility for information about the winter protection plan if the date on or after which shutoff of service may occur is between November 15 and March 31.

R 460.2165 Disputed claim.

Rule 65.

- (1) If a customer advises a utility, before the date of the proposed shutoff of service, that all or part of a bill is in dispute, then the utility shall do all of the following:
 - (a) Immediately record the date, time, and place the customer made the complaint and transmit verification to the customer.
 - (b) Investigate the dispute promptly and completely.
 - (c) Advise the customer of the results of the investigation.
 - (d) Attempt to resolve the dispute informally in a manner that is satisfactory to both parties.
 - (e) Provide the opportunity for the customer to settle the disputed claim or to satisfy any liability that is not in dispute.
- (2) A customer may advise a utility that a claim is in dispute in any reasonable manner, such as by written notice, in person, or by a telephone call directed to the utility.
- (3) A utility, in attempting to resolve the dispute, may employ telephone communication, personal meetings, on-site visits, or any other technique that is reasonably conducive to dispute settlement.

R 460.2166 Hearing.

Rule 66. If the parties are unable to resolve the dispute, the utility shall offer the customer the opportunity for a hearing before a utility hearing officer. If the customer fails to request a hearing within 3 days of the date that the opportunity for hearing is offered, or if the customer fails to pay the part of the bill that is not in dispute within 3 days of the date that he or she requests the hearing, the utility may exercise its right to shut off service pursuant to these rules.

R 460.2167 Payment of amount not in dispute.

Rule 67.

- (1) If a customer requests a hearing before a utility hearing officer, the customer shall cooperate in the utility's investigation of the complaint and shall pay to the utility the part of the bill that is not in dispute.
- (2) The amount that is not in dispute shall be mutually determined by the parties. The parties shall consider the customer's prior consumption history, weather variations, the nature of the dispute, and any other pertinent factors.

STANDARD RULES AND REGULATIONS

R 460.2155 Charges for meter relocation.

Rule 55. A utility may assess a meter relocation charge pursuant to the provisions of R 460.2154(3) in any of the following situations:

- (a) The utility shut off service by disconnection at the street or pole because the utility could not obtain access to the meter.
- (b) The utility shut off service for nonpayment on 2 prior occasions.
- (c) The customer or another responsible adult refused to permit the utility access to the meter on 5 separate occasions and all of the following provisions apply:
 - (i) The utility can produce documentation of written requests for access.
 - (ii) The utility determines that the account is 3 or more months in arrears and is not in dispute.
 - (iii) The utility has employed reasonable efforts to secure access to the meter.
- (d) The utility shut off service due to unauthorized use, diversion, or interference, or the customer acknowledges personal responsibility and the utility bills him or her for unauthorized use, diversion, or interference.

PART 6. PROCEDURES FOR SHUTOFF OR TERMINATION OF SERVICE

R 460.2161 Shutoff permitted.

Rule 61. Subject to the requirements of these rules, a utility may shut off or terminate service to a residential customer for any of the following reasons:

- (a) The customer has not paid a delinquent account that accrued within the last 6 years.
- (b) The customer has failed to provide a deposit or guarantee permitted by these rules.
- (c) The customer or others have caused the unauthorized use, diversion, or interference with the utility service situated or delivered on or about the customer's premises.
- (d) The customer has failed to comply with the terms and conditions of a settlement agreement.
- (e) The customer has refused to arrange access at reasonable times for the purpose of inspection, meter reading, maintenance, or the replacement of equipment that is installed upon the premises.
- (f) The customer has misrepresented his or her identity for the purpose of obtaining utility service.
- (g) The customer has violated any rules of the utility approved by the commission so as to adversely affect the safety of the customer or other persons or the integrity of the utility system.

MICHIGAN PUBLIC
SERVICE COMMISSION

JUL 21 2003

FILE

JKB

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By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

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On and After: 6-1-03
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Dated 9-3-99
In Case No: U-11397

STANDARD RULES AND REGULATIONS

Form of Notice (Cont'd.)

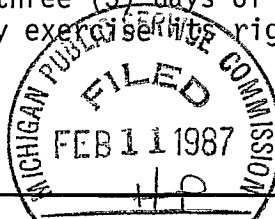
11. A statement indicating that discontinuation of service may be postponed if a medical emergency exists in the customer's residence.
12. A statement that a deposit of up to \$150.00 may be required if the customer is disconnected for nonpayment of a delinquent account.

00. Complaints and Disputed Claims

1. When a customer advises the Company prior to the date of the proposed discontinuation of service that all or any part of any billing as rendered is in dispute, the Company shall:
 - a. Immediately record the date, time, and place the complaint is made and mail post card verification to the customer.
 - b. Investigate the dispute promptly and completely.
 - c. Advise the customer of the results of the investigation.
 - d. Attempt to resolve the dispute informally in a manner mutually satisfactory to both parties.
 - e. Provide the opportunity for each customer to enter into a reasonable settlement agreement in order to mutually settle the disputed claim or to satisfy any liability not in dispute.
2. A customer may advise the Company that a claim is in dispute in any reasonable manner such as by written notice, in person, or a telephone call directed to the Company.
3. The Company, in attempting to resolve the dispute in a mutually satisfactory manner, may employ telephone communication, personal meetings, on-site visits, or any other technique reasonably conducive to dispute settlement.

PP. Hearing

If the parties are unable to resolve the dispute in a mutually satisfactory manner, the Company shall afford a customer the opportunity for a hearing before a Utility Hearing Officer. If the customer fails to request a hearing within three (3) days of the date that the hearing is requested, the Company may exercise its rights pursuant to these rules.



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Houghton, Michigan

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STANDARD RULES AND REGULATIONS

- (3) If the parties are unable to mutually determine the amount that is not in dispute, the customer shall pay, to the utility, 50% of the bill in dispute, but not more than \$100.00 per billing period. If the bill in dispute includes usage that has not been previously billed, such as a backbilling, the customer shall pay, to the utility, the amount that is not in dispute for usage not previously billed or 50% of the amount in dispute for usage not previously billed, but not more than \$100.00 for the amount not previously billed.
- (4) The amount that is not in dispute shall be subject to review at the hearing before the utility hearing officer in accordance with the provisions of R 460.2169.
- (5) If the customer fails to pay the amount that is not in dispute within 3 days of the date that he or she requests a hearing, the customer waives the right to the hearing and the utility may shut off service as provided in part 5 of these rules.
- (6) If the dispute is ultimately resolved in favor of the customer, in whole or in part, the utility shall return promptly any excess amount paid by the customer, with interest at the rate specified pursuant to the provisions of R 460.2134(4).

R 460.2168 Notice of hearing.

Rule 68.

- (1) The utility shall transmit or personally serve the customer with written notice of the time, date, and place of the hearing not less than 10 days before the hearing.
- (2) The notice shall describe the hearing procedures as contained in these rules.
- (3) Failure of the customer or the utility to attend the hearing without a good reason or without having requested an adjournment constitutes a waiver of the right of that party to the hearing.

R 460.2169 Hearing procedures.

Rule 69.

- (1) A utility shall establish hearing procedures that, at a minimum, provide the customer and the utility with all of the following rights:
 - (a) The right to represent themselves, to be represented by counsel, or to be assisted by persons of their choice.
 - (b) The right to examine, not less than 2 days before a scheduled hearing, a list of all witnesses who will testify and all documents, records, files, account data, and similar material that may be relevant to the issues to be raised at the hearing.
 - (c) The right to present evidence, testimony, and oral and written argument.
 - (d) The right to confront and question witnesses appearing on behalf of the other party.
- (2) A hearing shall be held during normal business hours. A utility shall take reasonable steps to ensure that a customer who is unable to attend a hearing due to physical incapacity is not denied the right to a hearing.
- (3) The utility has the burden of proof by a preponderance of the evidence.

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STANDARD RULES AND REGULATIONS

- (h) A current member of the customer's household has not paid a delinquent account for service that is not in dispute and that is owed by that person, if the customer lived at the same residence served by the utility at the time that all or part of the debt was incurred by the current member of the customer's household. This subdivision shall not apply if the utility holds a deposit pursuant to the provisions of R 460.2131(1)(e).
- (i) The customer has requested the termination of service. The utility shall make reasonable efforts to determine that the customer of record has authorized the termination of service.

R 460.2162 Shutoff prohibited.

Rule 62. A utility shall not shut off service for any of the following reasons:

- (a) The customer has not paid for items, such as merchandise, appliances, or services, that are not approved by the commission as an integral part of the utility service that is provided by the utility.
- (b) The customer has not paid for concurrent service received at a separate metering point, residence, or location.
- (c) The customer has not paid for a different class of service received at the same or a different location. The placing of more than 1 meter at the same location for the purpose of billing the usage of specific residential energy-using devices under optional rate schedules or provisions is not a different class of service for the purposes of this rule.
- (d) The customer, such as a landlord, has not paid for service used by another person, such as a tenant. A utility may shut off service, however, in any of the following circumstances:
 - (i) If the customer supplies a written statement under oath that the premises are unoccupied.
 - (ii) If the premises are occupied and the occupant agrees, in writing, to the shutoff of service.
 - (iii) If it is not feasible to provide service to the occupant as a customer without a major revision of existing distribution facilities. Where it is feasible to provide service, the utility, after providing notice as required in these rules, shall offer the occupant the opportunity to subscribe for service in his or her own name. If the occupant refuses, the utility may shut off service pursuant to these rules.

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Ass't VP Regulatory Affairs
Green Bay, Wisconsin

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STANDARD RULES AND REGULATIONS

QQ. Payment of Amount Not in Dispute

1. If a customer requests a hearing before a Utility Hearing Officer, he shall pay to the Company an amount equal to that part of the bill not in dispute.
2. The amount not in dispute shall be mutually determined by the parties. The parties shall consider the customer's prior consumption history, weather variations, the nature of the dispute, and any other pertinent factors in determining the amount not in dispute.
3. If the parties are unable to mutually determine the amount not in dispute, the customer shall pay to the Company 50% of the bill in dispute, not to exceed \$100 per billing period, which shall represent the amount not in dispute.
4. The amount not in dispute shall be subject to review at the hearing before the Utility Hearing Officer in accordance with hearing procedures as provided.
5. Failure of the customer to pay to the Company the amount not in dispute within three (3) days of the date that the hearing is requested, shall constitute a waiver of the customer's right to the hearing, and the Company may then proceed to discontinue service as provided in Discontinuance of Service.
6. If the dispute is ultimately resolved in favor of the customer, in whole or in part, any excess moneys paid by the customer shall be refunded promptly with interest at 6% per annum.

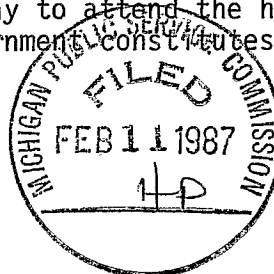
RR. Notice of Hearing

1. The customer and the Company shall be mailed or personally served written notice of the time, date, and place of the hearing at least ten (10) days prior to the hearing.
2. The notice shall describe the hearing procedures as contained in these rules.
3. Failure of the customer or the Company to attend the hearing without due cause or prior request for adjournment constitutes a waiver of the right of that party to the hearing.

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President
Houghton, Michigan

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December 18, 1986

STANDARD RULES AND REGULATIONS

- (4) All witnesses who appear for either party shall testify under oath.
- (5) A hearing shall be informal and the proceedings need not be recorded or transcribed. All relevant evidence shall be received and the formal rules of evidence shall not apply.
- (6) For each hearing, the utility hearing officer shall compile a record that contains all of the following.
 - (a) A concise statement, in writing, of the position of the utility.
 - (b) A concise statement, in writing, of the position of the customer. If the customer has not put his or her position in writing, then the hearing process shall provide a method for accomplishing this writing with the opportunity for proper acknowledgment by the customer.
 - (c) Copies of all evidence submitted by the parties.
- (7) At the conclusion of the hearing, the utility hearing officer may orally state his or her findings and the decision or adjourn the hearing and inform the parties that the decision will be transmitted within seven days. At the request of the customer, the utility hearing officer shall adjourn the hearing and transmit the decision within seven days. In all cases, the utility hearing officer shall issue a complaint determination in a form that is approved by the commission. The complaint determination shall contain both of the following:
 - (a) A concise summary of the evidence and arguments presented by the parties.
 - (b) The decision, and the reasons for the decision, of the utility hearing officer based solely upon the evidence received.
- (8) At the conclusion of the hearing and again upon issuance of the complaint determination, the utility hearing officer shall advise the customer and the utility of all of the following:
 - (a) That each party has a right to make an informal appeal to the commission staff, by mail, telephone, or in person, within 7 days of issuance of the complaint determination.
 - (b) That, if appealed, the decision of the utility hearing officer, including a finding that service may be shut off, cannot be implemented until review by the commission staff.
 - (c) The address and telephone number where the customer or the utility may make an informal appeal to the commission staff.
- (9) Before issuance of a complaint determination, the utility hearing officer may propose a settlement to the parties. If both parties accept the settlement, it shall be reduced to writing and signed by both parties.
- (10) Within 7 days of the conclusion of the hearing, the utility hearing officer shall serve the parties with all of the following:
 - (a) A copy of the complaint determination.
 - (b) Appeal information as provided in subrule (8) of this rule.
 - (c) If applicable, a copy of the signed settlement agreement.
- (11) The complaint determination and a copy of the signed settlement agreement, if any, shall be made part of the hearing record. The utility hearing officer shall certify the hearing record.
- (12) The complaint determination is binding upon the parties unless appealed as provided in these rules.

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STANDARD RULES AND REGULATIONS

R 460.2163 Notice of shutoff.

Rule 63.

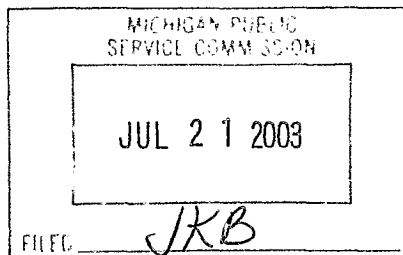
- (1) A utility shall not shut off service pursuant to the provisions of R 460.2161 unless it transmits a notice, by first-class mail, to the customer or personally serves the notice not less than 10 days before the date of the proposed shut off. The utility shall send notice to the account name and address and to the address where service is provided if the service address is different and the transmittal can be delivered at that address. A utility shall maintain a record of the date of transmittal.
- (2) A utility shall permit a customer to designate a consenting individual or agency to receive a copy of a notice of shutoff.
- (3) Not less than 30 days before the proposed shutoff of service to a single-metered dwelling that is used as a residence for five or more families, a utility shall transmit a notice to each dwelling unit that indicates that the customer of record, the landlord, has failed to pay an outstanding bill and is subject to shutoff of service on or after a specified date.

R 460.2164 Form of notice.

Rule 64. A notice of shutoff of service shall contain all of the following information:

- (a) The name and address of the customer and, if available, the address at which service is provided, if different.
- (b) A clear and concise reason for the proposed shutoff of service.
- (c) The date on or after which the utility may shut off service, unless the customer takes appropriate action.
- (d) That the customer has the right to enter into a settlement agreement with the utility if the claim is for an amount that is not in dispute and the customer is presently unable to pay in full.
- (e) That the customer has the right to file a complaint disputing the claim of the utility before the proposed date of the shutoff of service.
- (f) That the customer has the right to request a hearing before a utility hearing officer if the complaint cannot be otherwise resolved and that the customer must pay to the utility that portion of the bill that is not in dispute within 3 days of the date that the customer requested a hearing.
- (g) That the customer has the right to represent himself or herself, to be represented by counsel, or to be assisted by other persons of his or her choice in the complaint process.
- (h) That the utility will not shut off service pending the resolution of a complaint that is filed with the utility in accordance with these rules.
- (i) The telephone number and address of the utility where the customer may make inquiry, enter into a settlement agreement, or file a complaint.
- (j) That the customer should contact a social services agency immediately if the customer believes he or she might be eligible for emergency economic assistance.

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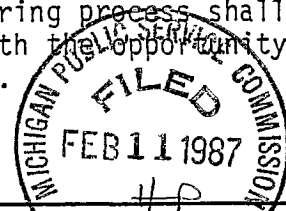
REMOVED BY JKB

DATE 7-21-03

STANDARD RULES AND REGULATIONS

SS. Hearing Procedures

1. The Company shall establish a hearing procedure which, at a minimum, provides that the customer and the Company have all of the following rights:
 - a. Have the right to represent themselves or to be represented by counsel or to be assisted by a person of their choice.
 - b. Have the right to examine at least two (2) days prior to a scheduled hearing a list of all witnesses who will testify and all documents, records, files, account data, and similar material which may be relevant to the issues to be raised at the hearing.
 - c. Have the right to present evidence, testimony, and oral and written argument.
 - d. Have the right to confront, question, and cross-examine witnesses appearing on behalf of the other party.
2. A hearing requested by the customer or his authorized representative shall be held at a time during normal business hours. The Company shall take reasonable steps to insure that customers unable to attend hearings due to physical incapacity shall not be denied the right to a hearing.
3. The burden of proof is upon the Company in all cases.
4. All witnesses appearing for either party shall testify under oath.
5. All hearings shall be informal and the proceedings need not be recorded or transcribed. All evidence relevant to the dispute shall be received and the formal rules of evidence shall not apply.
6. For each hearing held, the Utility Hearing Officer shall compile a hearing record which contains all of the following:
 - a. A concise statement in writing of the position of the Company relative to the dispute.
 - b. A concise statement in writing of the position of the customer relative to the dispute. If the customer has not or is unable to reduce his position to writing, the hearing process shall provide a method for accomplishing this with the opportunity for proper acknowledgement by the customer.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

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Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

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STANDARD RULES AND REGULATIONS

R 460.2170 Settlement agreement.

Rule 70.

- (1) If the utility and the customer arrive at a mutually satisfactory settlement of a claim in dispute or if the customer does not dispute liability to the utility, but claims the inability to pay the outstanding bill in full, then a utility shall offer the customer the opportunity to enter into a settlement agreement.
- (2) A settlement agreement shall be in writing and signed by the customer or his or her authorized representative and an authorized representative of the utility. The utility shall confirm, in writing, a settlement reached by telephone and shall transmit the settlement to the customer with instructions to sign a confirming copy and return it in a postage-paid, self-addressed envelope. The utility shall retain the original settlement agreement for 2 years.
- (3) In negotiating a settlement agreement due to the customer's inability to pay an outstanding bill in full, the utility shall not require the customer to pay more than a reasonable amount of the outstanding bill upon signing the agreement and not more than reasonable installments until the remaining balance is paid.
- (4) For purposes of determining reasonableness, the parties shall consider all of the following factors:
 - (a) The size of the delinquent account.
 - (b) The customer's ability to pay.
 - (c) The time that the debt has been outstanding.
 - (d) The reasons that the customer has not paid the bill.
 - (e) The customer's payment history.
 - (f) Any other relevant factors concerning the circumstances of the customer.
- (5) A settlement agreement that is offered by a utility shall state, immediately preceding the space provided for the customer's signature and in bold print that is not less than 2 sizes larger than any other print that is used on the form: "IF YOU ARE NOT SATISFIED WITH THIS AGREEMENT, DO NOT SIGN. YOU MAY FILE AN INFORMAL COMPLAINT AND HAVE A HEARING BEFORE A UTILITY HEARING OFFICER BEFORE YOUR SERVICE MAY BE SHUT OFF. IF YOU DO SIGN THIS AGREEMENT, YOU GIVE UP YOUR RIGHT TO AN INFORMAL HEARING BEFORE A UTILITY HEARING OFFICER ON ANY MATTER INVOLVED IN THIS DISPUTE EXCEPT THE UTILITY'S FAILURE OR REFUSAL TO FOLLOW THE TERMS OF THIS AGREEMENT."

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STANDARD RULES AND REGULATIONS

- (k) That the utility will postpone the shutoff of service if a medical emergency exists at the customer's residence.
- (l) That the utility may require a deposit and restoration charge if the utility shuts off service for nonpayment of a delinquent account.
- (m) That the customer should contact the utility for information about the winter protection plan if the date on or after which shutoff of service may occur is between November 15 and March 31.

R 460.2165 Disputed claim.

Rule 65.

- (1) If a customer advises a utility, before the date of the proposed shutoff of service, that all or part of a bill is in dispute, then the utility shall do all of the following:
 - (a) Immediately record the date, time, and place the customer made the complaint and transmit verification to the customer.
 - (b) Investigate the dispute promptly and completely.
 - (c) Advise the customer of the results of the investigation.
 - (d) Attempt to resolve the dispute informally in a manner that is satisfactory to both parties.
 - (e) Provide the opportunity for the customer to settle the disputed claim or to satisfy any liability that is not in dispute.
- (2) A customer may advise a utility that a claim is in dispute in any reasonable manner, such as by written notice, in person, or by a telephone call directed to the utility.
- (3) A utility, in attempting to resolve the dispute, may employ telephone communication, personal meetings, on-site visits, or any other technique that is reasonably conducive to dispute settlement.

R 460.2166 Hearing.

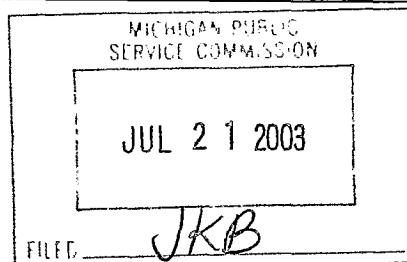
Rule 66. If the parties are unable to resolve the dispute, the utility shall offer the customer the opportunity for a hearing before a utility hearing officer. If the customer fails to request a hearing within 3 days of the date that the opportunity for hearing is offered, or if the customer fails to pay the part of the bill that is not in dispute within 3 days of the date that he or she requests the hearing, the utility may exercise its right to shut off service pursuant to these rules.

R 460.2167 Payment of amount not in dispute.

Rule 67.

- (1) If a customer requests a hearing before a utility hearing officer, the customer shall cooperate in the utility's investigation of the complaint and shall pay to the utility the part of the bill that is not in dispute.
- (2) The amount that is not in dispute shall be mutually determined by the parties. The parties shall consider the customer's prior consumption history, weather variations, the nature of the dispute, and any other pertinent factors.

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STANDARD RULES AND REGULATIONS

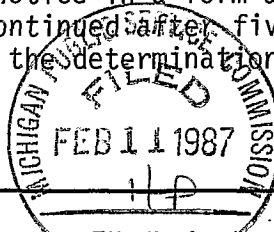
Hearing Procedures (Cont'd.)

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ORDER U-11397

REMOVED BY JKB

DATE 7-21-03

- c. Copies of all evidence submitted by the parties.
7. Upon the closing of the record, the Utility Hearing Officer shall state his findings and decision orally and issue a complaint determination in a form approved by the Commission, which shall contain both of the following:
- a. A concise summary of the evidence and argument presented by the parties.
 - b. The decision of the Utility Hearing Officer based solely upon the evidence presented and the reason therefore.
8. Upon the issuance of a complaint determination, the Utility Hearing Officer shall orally advise the customer and the Company of all of the following:
- a. That each party has a right to file by mail, telephone, or in person, within five (5) days after the date of issuance of the complaint determination, an informal appeal with the Consumer Services Division of the Commission.
 - b. That if appealed, the decision of the Utility Hearing Officer, including a finding that service may be discontinued, is stayed pending review by the Consumer Services Division.
 - c. Of the address and telephone number where the customer may file an informal appeal with the Commission.
9. Prior to issuance of a complaint determination, the Utility Hearing Officer may propose to the parties a settlement of all matters in dispute. Acceptance of the proposed settlement by both parties is binding unless the Company fails or refuses to abide by the terms of the settlement. The agreement shall be reduced to writing and signed by both parties in the presence of the Utility Hearing Officer.
10. If, at the conclusion of the hearing, a Utility Hearing Officer finds that the Company may discontinue service unless the customer complies with the complaint determination, he shall so notify the customer and authorize the Company to issue immediately and serve the customer or his representative personally with written notice in a form approved by the Commission that service will be discontinued after five (5) days unless compliance or payment occurs or the determination is appealed in accordance with these rules.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

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STANDARD RULES AND REGULATIONS

R 460.2171 Default of settlement agreement.

Rule 71.

- (1) If a customer fails to comply with the terms and conditions of a settlement agreement, a utility may shut off service after giving the customer a notice, by personal service or first-class mail, that contains all of the following information:
 - (a) That the customer is in default of the settlement agreement.
 - (b) The nature of the default.
 - (c) That unless the customer pays in full within 10 days of the date of mailing, the utility may shut off service.
 - (d) The date on or after which the utility may shut off service.
 - (e) That the customer has a right to request a hearing before a utility hearing officer only if the customer alleges that the utility has failed or refused to follow the terms of the settlement agreement.
 - (f) The address and telephone number where the customer may file the request for a hearing with the utility.
- (2) A utility is not required to enter into a subsequent settlement agreement with a customer until he or she has complied fully with the terms of a previous settlement agreement.
- (3) A utility is not required to enter into a subsequent settlement agreement with a customer who defaulted on the terms and conditions of an agreement within the last 2 years.
- (4) If the customer and utility reach a settlement agreement following a notice of shutoff, the failure of the customer to abide by the terms of the settlement agreement during the first 60 days of the agreement constitutes a waiver of the notice required by subrule (1) of this rule. The utility may shut-off service after notice as described in the provisions of R 460.2152.

R 460.2172 Same dispute.

Rule 72. A utility may disregard a customer complaint or dispute that involves the same question or issue based upon the same facts, and is not required to comply with these rules more than once before shutoff of service.

R 460.2173 Emergency shutoff.

Rule 73. Notwithstanding any other provision of these rules, a utility may shut off service temporarily for reasons of health or safety or in a state or national emergency. When a utility shuts off service for reasons of health or safety, the utility shall leave a notice in accordance with the provisions of R 460.2152(8).

STANDARD RULES AND REGULATIONS

- (3) If the parties are unable to mutually determine the amount that is not in dispute, the customer shall pay, to the utility, 50% of the bill in dispute, but not more than \$100.00 per billing period. If the bill in dispute includes usage that has not been previously billed, such as a backbilling, the customer shall pay, to the utility, the amount that is not in dispute for usage not previously billed or 50% of the amount in dispute for usage not previously billed, but not more than \$100.00 for the amount not previously billed.
- (4) The amount that is not in dispute shall be subject to review at the hearing before the utility hearing officer in accordance with the provisions of R 460.2169.
- (5) If the customer fails to pay the amount that is not in dispute within 3 days of the date that he or she requests a hearing, the customer waives the right to the hearing and the utility may shut off service as provided in part 5 of these rules.
- (6) If the dispute is ultimately resolved in favor of the customer, in whole or in part, the utility shall return promptly any excess amount paid by the customer, with interest at the rate specified pursuant to the provisions of R 460.2134(4).

R 460.2168 Notice of hearing.

Rule 68.

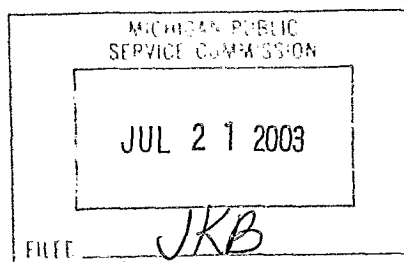
- (1) The utility shall transmit or personally serve the customer with written notice of the time, date, and place of the hearing not less than 10 days before the hearing.
- (2) The notice shall describe the hearing procedures as contained in these rules.
- (3) Failure of the customer or the utility to attend the hearing without a good reason or without having requested an adjournment constitutes a waiver of the right of that party to the hearing.

R 460.2169 Hearing procedures.

Rule 69.

- (1) A utility shall establish hearing procedures that, at a minimum, provide the customer and the utility with all of the following rights:
 - (a) The right to represent themselves, to be represented by counsel, or to be assisted by persons of their choice.
 - (b) The right to examine, not less than 2 days before a scheduled hearing, a list of all witnesses who will testify and all documents, records, files, account data, and similar material that may be relevant to the issues to be raised at the hearing.
 - (c) The right to present evidence, testimony, and oral and written argument.
 - (d) The right to confront and question witnesses appearing on behalf of the other party.
- (2) A hearing shall be held during normal business hours. A utility shall take reasonable steps to ensure that a customer who is unable to attend a hearing due to physical incapacity is not denied the right to a hearing.
- (3) The utility has the burden of proof by a preponderance of the evidence.

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Ass't VP Regulatory Affairs
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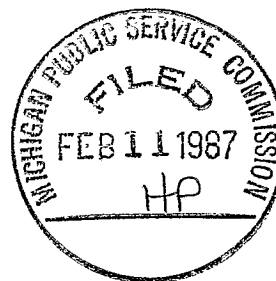
STANDARD RULES AND REGULATIONS

Hearing Procedures (Cont'd.)

11. At the conclusion of the hearing, the Utility Hearing Officer shall serve the parties with a copy of the complaint determination, appeal information as provided above, and where applicable, the settlement agreement or notice of discontinuation of service.
12. The complaint determination, settlement agreement, or notice of discontinuation of service shall be made part of the hearing record, and together with other documents contained therein shall be certified by the Utility Hearing Officer.
13. The complaint determination is binding upon the parties unless appealed as provided in these rules.

TT. Settlement Agreement

1. If the Company and the customer arrive at a mutually satisfactory settlement of any claim in dispute or the customer does not dispute liability to the Company, but claims inability to pay the outstanding bill in full, the Company shall offer the customer the opportunity to enter into a settlement agreement.
2. A settlement agreement shall be in writing and signed by the customer or his representative and a representative of the Company authorized to enter into the agreement. A settlement reached by telephone shall be confirmed by the Company in writing and mailed to the customer with instructions to sign a confirming copy and return it in a prepaid, pre-addressed return envelope provided. The original settlement agreement shall be maintained on file by the Company for two (2) years.
3. Every settlement agreement entered into due to the customer's inability to pay the outstanding bill in full shall provide that service will not be discontinued if the customer pays a reasonable amount of the outstanding bill and agrees to pay a reasonable portion of the remaining balance in installments until the bill is paid.
4. For purposes of determining reasonableness under these rules, the parties shall consider the:
 - a. Size of the delinquent account.
 - b. Customer's ability to pay.
 - c. Customer's payment history.



| |
|--------------------------------------|
| CANCELLED BY ORDER <u>U-11397</u> |
| REMOVED BY <u>JKP</u> |
| DATE <u>7-21-03</u> |

Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

STANDARD RULES AND REGULATIONS

R 460.2174 Winter protection plan.

Rule 74.

- (1) As used in this rule:
 - (a) "Eligible customer" means either an eligible low-income customer or an eligible senior citizen customer.
 - (b) "Eligible low-income customer" means a utility customer whose household income does not exceed 150% of the poverty level, as published by the United States department of health and human services, or who receives any of the following:
 - (i) Supplemental security income, aid to families with dependent children, or general assistance.
 - (ii) Food stamps.
 - (iii) Medicaid.
 - (c) "Eligible senior citizen customer" means a utility customer who is 65 years of age or older and who advises the utility of his or her eligibility.
- (2) A utility shall not shut off service to an eligible customer during the space heating season for nonpayment of a delinquent account if the customer is an eligible senior citizen customer or if the customer pays to the utility a monthly amount equal to 7% of the estimated annual bill for the eligible customer and the eligible customer demonstrates, within 14 days of requesting shutoff protection, that he or she has made application for state or federal heating assistance. If an arrearage exists at the time an eligible customer applies for protection from shutoff of service during the space heating season, the utility shall permit the customer to pay the arrearage in equal monthly installments between the date of application and the start of the subsequent space heating season.
- (3) A utility may shut off service to an eligible low-income customer who does not pay the monthly amounts referred to in subrule (2) of this rule after giving notice in the manner required by these rules. The utility is not required to offer a settlement agreement to an eligible low-income customer who fails to make the monthly payments referred to in subrule (2) of this rule.
- (4) If a customer fails to comply with the terms and conditions of this rule, a utility may shut off service after giving the customer a notice, by personal service or first-class mail, that contains all of the following information:
 - (a) That the customer has defaulted on the winter protection plan.
 - (b) The nature of the default.
 - (c) That unless the customer makes the payments that are past due under this rule within 10 days of the date of mailing, the utility may shut off service.
 - (d) The date on or after which the utility may shut off service, unless the customer takes appropriate action.
 - (e) That the customer has the right to file a complaint disputing the claim of the utility before the date of the proposed shutoff of service.

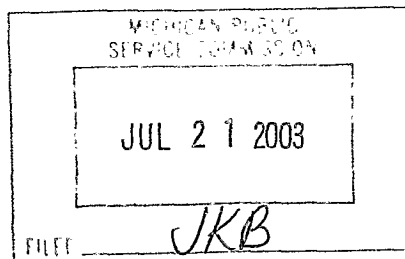
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STANDARD RULES AND REGULATIONS

- (4) All witnesses who appear for either party shall testify under oath.
- (5) A hearing shall be informal and the proceedings need not be recorded or transcribed. All relevant evidence shall be received and the formal rules of evidence shall not apply.
- (6) For each hearing, the utility hearing officer shall compile a record that contains all of the following.
 - (a) A concise statement, in writing, of the position of the utility.
 - (b) A concise statement, in writing, of the position of the customer. If the customer has not put his or her position in writing, then the hearing process shall provide a method for accomplishing this writing with the opportunity for proper acknowledgment by the customer.
 - (c) Copies of all evidence submitted by the parties.
- (7) At the conclusion of the hearing, the utility hearing officer may orally state his or her findings and the decision or adjourn the hearing and inform the parties that the decision will be transmitted within seven days. At the request of the customer, the utility hearing officer shall adjourn the hearing and transmit the decision within seven days. In all cases, the utility hearing officer shall issue a complaint determination in a form that is approved by the commission. The complaint determination shall contain both of the following:
 - (a) A concise summary of the evidence and arguments presented by the parties.
 - (b) The decision, and the reasons for the decision, of the utility hearing officer based solely upon the evidence received.
- (8) At the conclusion of the hearing and again upon issuance of the complaint determination, the utility hearing officer shall advise the customer and the utility of all of the following:
 - (a) That each party has a right to make an informal appeal to the commission staff, by mail, telephone, or in person, within 7 days of issuance of the complaint determination.
 - (b) That, if appealed, the decision of the utility hearing officer, including a finding that service may be shut off, cannot be implemented until review by the commission staff.
 - (c) The address and telephone number where the customer or the utility may make an informal appeal to the commission staff.
- (9) Before issuance of a complaint determination, the utility hearing officer may propose a settlement to the parties. If both parties accept the settlement, it shall be reduced to writing and signed by both parties.
- (10) Within 7 days of the conclusion of the hearing, the utility hearing officer shall serve the parties with all of the following:
 - (a) A copy of the complaint determination.
 - (b) Appeal information as provided in subrule (8) of this rule.
 - (c) If applicable, a copy of the signed settlement agreement.
- (11) The complaint determination and a copy of the signed settlement agreement, if any, shall be made part of the hearing record. The utility hearing officer shall certify the hearing record.
- (12) The complaint determination is binding upon the parties unless appealed as provided in these rules.

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Green Bay, Wisconsin



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STANDARD RULES AND REGULATIONS

Settlement Agreement (Cont'd.)

- d. Time that the debt has been outstanding.
- e. Reasons why debt has been outstanding.
- f. Any other relevant factors concerning the circumstances of the customer.

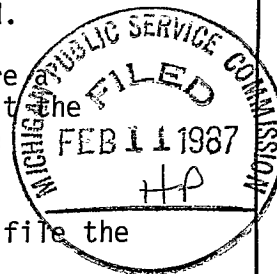
5. A settlement agreement offered by the Company shall state immediately preceding the space provided for the customer's signature and in bold face print at least two (2) sizes larger than any other used thereon, that "IF YOU ARE NOT SATISFIED WITH THIS AGREEMENT, DO NOT SIGN. YOU MAY FILE AN INFORMAL COMPLAINT AND HAVE A HEARING BEFORE A UTILITY HEARING OFFICER BEFORE YOUR SERVICE MAY BE TERMINATED."

"IF YOU DO SIGN THIS AGREEMENT, YOU GIVE UP YOUR RIGHT TO AN INFORMAL HEARING BEFORE A UTILITY HEARING OFFICER ON ANY MATTER INVOLVED IN THIS DISPUTE, EXCEPT THE COMPANY'S FAILURE OR REFUSAL TO FOLLOW THE TERMS OF THIS AGREEMENT."

UU. Default of Settlement Agreement

- 1. If a customer fails to comply with the terms and conditions of a settlement agreement, the Company may discontinue service after notifying the customer in writing by personal service or first class mail of all of the following:
 - a. That the customer is in default of the settlement agreement.
 - b. The nature of the default.
 - c. That unless full payment of the claim is made within ten (10) days from the date of mailing, the utility will discontinue service.
 - d. The date, on or after which service will be discontinued.
 - e. That the customer has a right to request a hearing before Utility Hearing Officer only if the customer alleges that the Company has failed or refused to follow the terms of the settlement agreement.
 - f. The address and telephone number where the customer may file the request for hearing with the Company.
- 2. Upon determination by the Utility Hearing Officer, a complaint determination and notice of proposed action shall be issued in accordance with Hearing Procedures.

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ORDER U-11397
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DATE 7-21-03



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E. Argentati
President
Houghton, Michigan

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STANDARD RULES AND REGULATIONS

- (f) That the customer has the right to request a hearing before a utility hearing officer if the complaint cannot be otherwise resolved and that the customer must pay to the utility that portion of the bill that is not in dispute within 3 days of the date that the customer requests a hearing.
 - (g) That the customer has the right to represent himself or herself, to be represented by counsel, or to be assisted by other persons of his or her choice in the complaint process.
 - (h) That the utility will not shut off service pending the resolution of a complaint that is filed with the utility in accordance with these rules.
 - (i) The telephone number and address of the utility where the customer may make inquiry, enter into a settlement agreement, or file a complaint.
 - (j) That the customer should contact a social services agency immediately if the customer believes he or she might be eligible for emergency economic assistance.
 - (k) That the utility will postpone shutoff of service if a medical emergency exists at the customer's residence.
 - (l) That the utility may require a deposit and restoration charge if the utility shuts off service for nonpayment of a delinquent account.
- (5) At the conclusion of the space heating season, the utility shall reconcile the accounts of eligible customers and permit customers to pay any amounts owing in equal monthly installments between April 1 and December 1. A utility may shut off service to eligible customers who fail to make installment payments on a timely basis in the manner required by these rules. At the option of the customer, between April 1 and November 30, the customer may choose to pay 9% of the estimated annual bill each month together with the monthly installment for any preenrollment arrearage instead of the amount otherwise owing for actual and reconciled past due amounts. After November 30, the utility shall reconcile the account of any customer who has chosen and fulfilled the obligations of the 9% option by refunding any net overcollection or adding any net undercollection to the customer's arrearage for the upcoming space heating season. If a customer fails to make all payments that are required pursuant to the 9% option, the utility may immediately reconcile his or her account by refunding any net overcollection or by adding any net undercollection to the customer's current bill.
- (6) A utility shall not require an eligible low-income customer whose utility service has been shut off before applying for protection under this rule to pay a fee for restoring service or a security deposit pursuant to the provisions of R 460.2132 during the space heating season. A utility may not require an amount greater than one-twelfth of an arrearage owing in order to restore service or initiate participation in the winter protection plan. The 7% payment shall be billed according to normal billing procedures for the utility.

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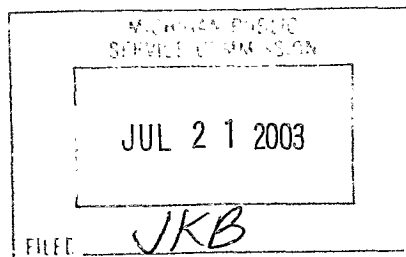
STANDARD RULES AND REGULATIONS

R 460.2170 Settlement agreement.

Rule 70.

- (1) If the utility and the customer arrive at a mutually satisfactory settlement of a claim in dispute or if the customer does not dispute liability to the utility, but claims the inability to pay the outstanding bill in full, then a utility shall offer the customer the opportunity to enter into a settlement agreement.
- (2) A settlement agreement shall be in writing and signed by the customer or his or her authorized representative and an authorized representative of the utility. The utility shall confirm, in writing, a settlement reached by telephone and shall transmit the settlement to the customer with instructions to sign a confirming copy and return it in a postage-paid, self-addressed envelope. The utility shall retain the original settlement agreement for 2 years.
- (3) In negotiating a settlement agreement due to the customer's inability to pay an outstanding bill in full, the utility shall not require the customer to pay more than a reasonable amount of the outstanding bill upon signing the agreement and not more than reasonable installments until the remaining balance is paid.
- (4) For purposes of determining reasonableness, the parties shall consider all of the following factors:
 - (a) The size of the delinquent account.
 - (b) The customer's ability to pay.
 - (c) The time that the debt has been outstanding.
 - (d) The reasons that the customer has not paid the bill.
 - (e) The customer's payment history.
 - (f) Any other relevant factors concerning the circumstances of the customer.
- (5) A settlement agreement that is offered by a utility shall state, immediately preceding the space provided for the customer's signature and in bold print that is not less than 2 sizes larger than any other print that is used on the form: "IF YOU ARE NOT SATISFIED WITH THIS AGREEMENT, DO NOT SIGN. YOU MAY FILE AN INFORMAL COMPLAINT AND HAVE A HEARING BEFORE A UTILITY HEARING OFFICER BEFORE YOUR SERVICE MAY BE SHUT OFF. IF YOU DO SIGN THIS AGREEMENT, YOU GIVE UP YOUR RIGHT TO AN INFORMAL HEARING BEFORE A UTILITY HEARING OFFICER ON ANY MATTER INVOLVED IN THIS DISPUTE EXCEPT THE UTILITY'S FAILURE OR REFUSAL TO FOLLOW THE TERMS OF THIS AGREEMENT."

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Ass't VP Regulatory Affairs
Green Bay, Wisconsin



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STANDARD RULES AND REGULATIONS

Default of Settlement Agreement (Cont'd.)

3. The Company is not required to enter into any subsequent settlement agreement with a customer until the terms of any previous settlement agreement have been fully executed.
4. The Company is not required to enter into any subsequent settlement with a customer who defaults upon the terms and conditions of a previous agreement.
5. If a settlement agreement is reached, following a notice of discontinuance, the failure of the customer to abide by the terms of the settlement agreement during the first 60 days after the agreement is made constitutes a waiver of the notice required by Part 1 of this rule.

VV. Res Judicata

The Company may treat a customer complaint or dispute involving the same question or issue based upon the same facts as res judicata and is not required to comply with these rules more than once prior to discontinuance of service.

WW. Emergency Discontinuation

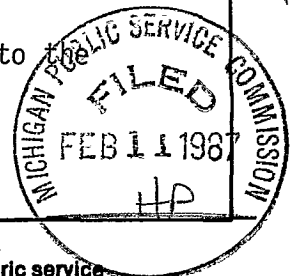
Notwithstanding any other provision of these rules, the Company may discontinue residential service temporarily for reasons of health or safety or in a state or national emergency.

XX. Informal Appeal

Within five (5) days from the date of service of a complaint determination of a Utility Hearing Officer, either party may file an informal appeal with the Consumer Services Division of the Commission.

YY. Filing Procedure

1. An informal appeal may be filed in any reasonable manner. The informal appeal need not be in writing and may be initiated by telephone or in person at the offices of the Commission.
2. A written appeal need not be verified.
3. The appealing party shall provide the following information to the Commission
 - a. Name and address of the customer.



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E. Argentati
President
Houghton, Michigan

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STANDARD RULES AND REGULATIONS

- (7) An eligible low-income customer may preenroll in the winter protection plan between November 15 and November 30 by paying the current usage plus 1/12 of any arrearage and agreeing to the terms of the winter protection plan for the upcoming space heating season. An eligible senior citizen customer may preenroll by advising the utility of his or her eligibility. A preenrolled customer shall not have his or her service terminated before the commencement of the winter protection plan. A customer who is off service as of November 15 shall be eligible to preenroll in the winter protection plan and have service restored immediately after fulfilling the requirements for preenrollment. Further, an off service low-income customer who applies during the preenrollment period shall be entitled to have all deposits and reconnection fees waived.

PART 7. COMMISSION APPEAL PROCEDURES

R 460.2181 Informal appeal.

Rule 81. Within 7 days after a utility hearing officer issues a written complaint determination, either party may make an informal appeal to the commission staff.

R 460.2182 Filing procedures.

Rule 82.

- (1) A party may make an informal appeal in any reasonable manner. The informal appeal need not be in writing and may be initiated by telephone or in person at the offices of the commission.
- (2) A written appeal need not be verified.
- (3) The appealing party shall provide all of the following information:
 - (a) Name and address of the customer.
 - (b) Name of the utility involved.
 - (c) The nature of the original complaint in a clear and concise manner.
 - (d) The relief requested.

R 460.2183 Exhaustion of remedies.

Rule 83. The commission staff may require a customer to pursue remedies directly with the utility as provided in these rules before accepting an informal appeal. The commission may waive this rule when circumstances require.

R 460.2184 Informal appeal procedures.

Rule 84.

- (1) The commission staff shall assign the informal appeal to a complaint and information officer or another employee of the commission as the commission may designate. The officer or designated employee shall reduce the appeal to writing and shall have all of the following responsibilities:
 - (a) Advising the appealing party of the procedures of the commission by telephone or in writing.
 - (b) Advising the other party that an informal appeal has been filed.
 - (c) Issuing interim determinations as necessary.

STANDARD RULES AND REGULATIONS

R 460.2171 Default of settlement agreement.

Rule 71.

- (1) If a customer fails to comply with the terms and conditions of a settlement agreement, a utility may shut off service after giving the customer a notice, by personal service or first-class mail, that contains all of the following information:
 - (a) That the customer is in default of the settlement agreement.
 - (b) The nature of the default.
 - (c) That unless the customer pays in full within 10 days of the date of mailing, the utility may shut off service.
 - (d) The date on or after which the utility may shut off service.
 - (e) That the customer has a right to request a hearing before a utility hearing officer only if the customer alleges that the utility has failed or refused to follow the terms of the settlement agreement.
 - (f) The address and telephone number where the customer may file the request for a hearing with the utility.
- (2) A utility is not required to enter into a subsequent settlement agreement with a customer until he or she has complied fully with the terms of a previous settlement agreement.
- (3) A utility is not required to enter into a subsequent settlement agreement with a customer who defaulted on the terms and conditions of an agreement within the last 2 years.
- (4) If the customer and utility reach a settlement agreement following a notice of shutoff, the failure of the customer to abide by the terms of the settlement agreement during the first 60 days of the agreement constitutes a waiver of the notice required by subrule (1) of this rule. The utility may shut-off service after notice as described in the provisions of R 460.2152.

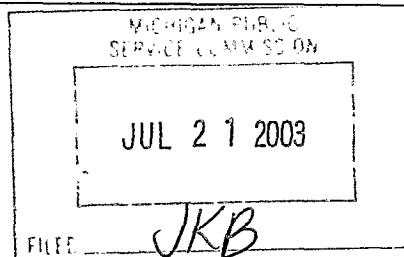
R 460.2172 Same dispute.

Rule 72. A utility may disregard a customer complaint or dispute that involves the same question or issue based upon the same facts, and is not required to comply with these rules more than once before shutoff of service.

R 460.2173 Emergency shutoff.

Rule 73. Notwithstanding any other provision of these rules, a utility may shut off service temporarily for reasons of health or safety or in a state or national emergency. When a utility shuts off service for reasons of health or safety, the utility shall leave a notice in accordance with the provisions of R 460.2152(8).

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STANDARD RULES AND REGULATIONS

Filing Procedure (Cont'd.)

- b. Name of the Company involved.
- c. The nature of the original complaint in a clear and concise manner.
- d. The relief requested and whether the customer has pursued the remedies available with the Company complained of pursuant to these provisions.

ZZ. Exhaustion of Remedies

The Commission may require the customer to pursue remedies directly with the Company as provided in these rules prior to the acceptance for filing of an informal appeal. The Commission specifically reserves the right to waive this rule when in equity and good conscience circumstances so require.

AAA. Informal Appeal Procedure

1. Upon filing, the appeal shall be assigned to a complaint and information officer of the Consumer Services Division, or other officer or employee of the Commission as the Commission may designate, who shall reduce the appeal to writing and shall be responsible for:
 - a. Advising the appealing party of the procedures of the Commission by telephone or in writing.
 - b. Advising the other party that an informal appeal has been filed.
 - c. Issuing interim determinations as may be necessary in the proceedings.
 - d. Reviewing or investigating the appeal as provided in these rules.
 - e. Issuing an informal appeal decision.
2. Upon notification by the Commission that an informal appeal has been filed, the Utility Hearing Officer shall forthwith file with the Consumer Services Division the certified hearing record concerning the matter in dispute. The parties shall be bound by the evidence presented at the hearing and contained in the hearing record. The Complaint and Information Officer shall not be required to receive or consider any additional evidence or information submitted by a party in arriving at the informal appeal decision.

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STANDARD RULES AND REGULATIONS

- (d) Reviewing or investigating the appeal as provided in these rules.
- (e) Issuing an informal appeal decision.
- (2) Upon notification by the commission staff that an informal appeal has been made, the utility shall promptly file, with the commission staff, the certified hearing record. The parties shall be bound by the evidence presented at the hearing and contained in the hearing record. In arriving at the informal appeal decision, the complaint and information officer or designated employee shall not be required to receive or consider any additional evidence or information.
- (3) In all informal appeals, the utility has the burden of proof by a preponderance of the evidence.

R 460.2185 Interim determination.

Rule 85.

- (1) After receiving the hearing record and pending the final resolution of an informal appeal, the complaint and information officer or designated employee may issue an interim determination with appropriate terms and conditions. In the case of an appeal regarding a bill or deposit, the complaint and information officer or designated employee may require a customer to pay the undisputed portion of a claim in order to continue the prohibition against the shutoff of service as provided in these rules. The complaint and information officer or designated employee may consider the amounts that reasonably appear to reflect the cost of utility service in determining the undisputed portion of a claim.
- (2) If a customer fails to abide by the terms and conditions of an interim determination within 10 days of the date of personal service or mailing of the interim determination by first-class mail, the utility may shut off service as provided in these rules.

R 460.2186 Appeal review.

Rule 86. The complaint and information officer or designated employee shall review the informal appeal thoroughly and, when necessary, conduct further investigation. A party may offer new evidence if the complaint and information officer or designated employee determines that it is relevant and could not have been offered at the hearing before the utility hearing officer through the exercise of due diligence by the offering party. When further investigation is necessary, the complaint and information officer or designated employee may request additional evidence or, at his or her own initiative, may hold an informal conference with the parties or their representatives at a time and place designated by the officer or employee. If either party fails to appear at the informal conference without a good reason or without having requested an adjournment, the right of the absent party to appear at the conference shall be waived. At an informal conference, the parties shall have the right to do all of the following:

- (a) Represent themselves, to be represented by counsel, or to be assisted by other persons of their choice.
- (b) Present oral and documentary evidence.
- (c) Refute, in a reasonable manner, the evidence of the other party.
- (d) Submit an oral or written statement of position.

Issued: 6-27-06
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for Service
On and After 6-28-06
Issued Under Auth. of
Mich Public Serv Comm
Dated 6-27-06
In Case No: U-14745

STANDARD RULES AND REGULATIONS

R 460.2174 Winter protection plan.

Rule 74.

- (1) As used in this rule:
 - (a) "Eligible customer" means either an eligible low-income customer or an eligible senior citizen customer.
 - (b) "Eligible low-income customer" means a utility customer whose household income does not exceed 150% of the poverty level, as published by the United States department of health and human services, or who receives any of the following:
 - (i) Supplemental security income, aid to families with dependent children, or general assistance.
 - (ii) Food stamps.
 - (iii) Medicaid.
 - (c) "Eligible senior citizen customer" means a utility customer who is 65 years of age or older and who advises the utility of his or her eligibility.
- (2) A utility shall not shut off service to an eligible customer during the space heating season for nonpayment of a delinquent account if the customer is an eligible senior citizen customer or if the customer pays to the utility a monthly amount equal to 7% of the estimated annual bill for the eligible customer and the eligible customer demonstrates, within 14 days of requesting shutoff protection, that he or she has made application for state or federal heating assistance. If an arrearage exists at the time an eligible customer applies for protection from shutoff of service during the space heating season, the utility shall permit the customer to pay the arrearage in equal monthly installments between the date of application and the start of the subsequent space heating season.
- (3) A utility may shut off service to an eligible low-income customer who does not pay the monthly amounts referred to in subrule (2) of this rule after giving notice in the manner required by these rules. The utility is not required to offer a settlement agreement to an eligible low-income customer who fails to make the monthly payments referred to in subrule (2) of this rule.
- (4) If a customer fails to comply with the terms and conditions of this rule, a utility may shut off service after giving the customer a notice, by personal service or first-class mail, that contains all of the following information:
 - (a) That the customer has defaulted on the winter protection plan.
 - (b) The nature of the default.
 - (c) That unless the customer makes the payments that are past due under this rule within 10 days of the date of mailing, the utility may shut off service.
 - (d) The date on or after which the utility may shut off service, unless the customer takes appropriate action.
 - (e) That the customer has the right to file a complaint disputing the claim of the utility before the date of the proposed shutoff of service.

Issued: 6-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

MICHIGAN PUBLIC
SERVICE COMMISSION

JUL 21 2003

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JKB

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STANDARD RULES AND REGULATIONS

Informal Appeal Procedure (Cont'd.)

3. In all appeals filed pursuant to these rules, the Company has the burden of proof.

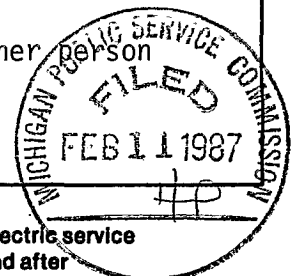
BBB. Interim Determinations

1. After the receipt of the hearing record and pending the final resolution of an informal appeal, the Complaint and Information Officer may issue an interim determination upon such terms and conditions as he deems appropriate. In the case of appeals regarding bills or deposits, the Complaint and Information Officer may require a customer to pay the undisputed portion of a claim in order to continue the prohibition against the discontinuance of service as provided in these rules. The Complaint and Information Officer may require a customer to pay the undisputed portion of a claim in order to continue the prohibition against the discontinuance of service as provided in these rules. The Complaint and Information Officer may consider such amounts as reasonably appear to reflect the cost of utility service in determining the undisputed portion of a claim.
 - a. If a customer fails to abide by the terms and conditions of an interim determination within ten (10) days of the date of personal service or mailing thereof by first class mail, the Company may discontinue service as provided in these rules.

CCC. Appeal Review

1. The Complaint and Information Officer shall review the informal appeal thoroughly and, when necessary, conduct further investigation. New evidence may be offered by any party if the Complaint and Information Officer determines that it is relevant and could not have been offered at the hearing before the Utility Hearing Officer through the exercise of due diligence by the offering party. When further investigation is necessary, the Complaint and Information Officer may request additional evidence, or upon his own motion, may hold an informal conference with the parties or their representatives at a time and place designated by the Officer. If either party fails to appear at the informal conference without good cause shown or prior request for adjournment, the right of the absent party to appear at the conference shall be waived. At any informal conference, each party shall have the right to:
 - a. Represent himself or to be represented by counsel or other person of his choice.

CANCELLED BY
ORDER U-11397
REMOVED BY JKB
DATE 7-21-03
the Company has the bur-



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

STANDARD RULES AND REGULATIONS

R 460.2187 Shutoff pending decision.

Rule 87. A utility shall not shut off service or issue a notice of shutoff related to the matter in dispute pending the decision of the commission staff, except pursuant to the terms of an interim determination.

R 460.2188 Informal appeal decision.

Rule 88. The complaint and information officer or other employee so designated by the commission shall, within 30 days after the utility files the certified record, issue a written informal appeal decision affirming, modifying, or reversing the complaint determination. In reversing or modifying the complaint determination, the decision shall set forth the terms and conditions for continued service, shutoff, or a proposed settlement agreement as required by the facts and circumstances. The decision shall state the relevant findings of fact and the reasons for the decision.

R 460.2189 Failure to comply with informal appeal decision.

Rule 89. A copy of the informal appeal decision shall be served personally or by first-class mail on the parties. Failure of either party to comply with the decision within 10 days from the date of service by mailing shall permit implementation of the action or remedy provided by the decision.

R 460.2190 Same dispute.

Rule 90. The commission staff may dismiss a subsequent informal appeal that involves the same question or issue based upon the same facts without following every procedure set forth in these rules.

R 460.2191 Formal appeal.

Rule 91. Either party may appeal the decision of the complaint and information officer or designated employee by filing a formal complaint in accordance with the rules of practice and procedure before the commission. A party may proceed in accordance with the terms of the informal appeal decision unless otherwise ordered by the commission or the presiding officer who is assigned to the formal complaint.

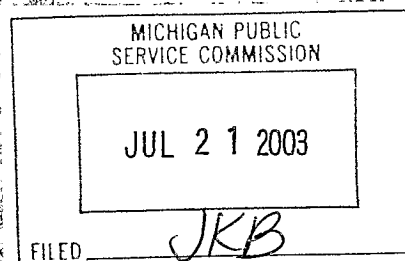
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Dated 6-27-06
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STANDARD RULES AND REGULATIONS

- (f) That the customer has the right to request a hearing before a utility hearing officer if the complaint cannot be otherwise resolved and that the customer must pay to the utility that portion of the bill that is not in dispute within 3 days of the date that the customer requests a hearing.
 - (g) That the customer has the right to represent himself or herself, to be represented by counsel, or to be assisted by other persons of his or her choice in the complaint process.
 - (h) That the utility will not shut off service pending the resolution of a complaint that is filed with the utility in accordance with these rules.
 - (i) The telephone number and address of the utility where the customer may make inquiry, enter into a settlement agreement, or file a complaint.
 - (j) That the customer should contact a social services agency immediately if the customer believes he or she might be eligible for emergency economic assistance.
 - (k) That the utility will postpone shutoff of service if a medical emergency exists at the customer's residence.
 - (l) That the utility may require a deposit and restoration charge if the utility shuts off service for nonpayment of a delinquent account.
- (5) At the conclusion of the space heating season, the utility shall reconcile the accounts of eligible customers and permit customers to pay any amounts owing in equal monthly installments between April 1 and December 1. A utility may shut off service to eligible customers who fail to make installment payments on a timely basis in the manner required by these rules. At the option of the customer, between April 1 and November 30, the customer may choose to pay 9% of the estimated annual bill each month together with the monthly installment for any preenrollment arrearage instead of the amount otherwise owing for actual and reconciled past due amounts. After November 30, the utility shall reconcile the account of any customer who has chosen and fulfilled the obligations of the 9% option by refunding any net overcollection or adding any net undercollection to the customer's arrearage for the upcoming space heating season. If a customer fails to make all payments that are required pursuant to the 9% option, the utility may immediately reconcile his or her account by refunding any net overcollection or by adding any net undercollection to the customer's current bill.
- (6) A utility shall not require an eligible low-income customer whose utility service has been shut off before applying for protection under this rule to pay a fee for restoring service or a security deposit pursuant to the provisions of R 460.2132 during the space heating season. A utility may not require an amount greater than one-twelfth of an arrearage owing in order to restore service or initiate participation in the winter protection plan. The 7% payment shall be billed according to normal billing procedures for the utility.

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Ass't VP Regulatory Affairs
Green Bay, Wisconsin



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In Case No: U-11397

STANDARD RULES AND REGULATIONS

Appeal Review (Cont'd.)

- b. Present oral and documentary evidence.
- c. Refute in a reasonable manner the evidence of the other party.
- d. Submit an oral or written statement of position.

DDD. Discontinuance Pending Decision

The Company shall not discontinue residential service nor issue a notice of discontinuation relative to the matter in dispute pending the decision of the Consumer Services Division unless pursuant to the terms of an interim determination.

EEE. Informal Appeal Decision

The Complaint and Information Officer or other employee so designated by the Commission shall, within 30 days, after the filing of the certified record, issue a written informal appeal decision affirming, modifying, or reversing the complaint determination. In reversing or modifying the complaint determination, the decision shall set forth the terms and conditions for continued service, discontinuation, or a proposed settlement agreement as required by the facts and circumstances. The decision shall state the relevant findings of fact and the reasons for the decision.

FFF. Notice and Discontinuation

A copy of the informal appeal decision shall be served personally or sent by first class mail to the parties. Failure of either party to comply with the decision within ten (10) days from the date of service of mailing thereof shall permit the action or remedy as provided therein.

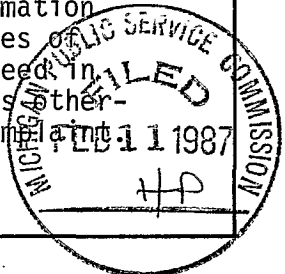
GGG. Res Judicata

The Consumer Services Division may treat an informal appeal involving the same question or issue based upon same facts as res judicata and may dismiss without following every procedure set forth in these rules.

HHH. Formal Appeal

Either party may appeal the decision of the Complaint and Information Officer by filing a formal complaint in accordance with the rules of practice and procedure before the Commission. A party may proceed in accordance with the terms of the informal appeal decision unless otherwise ordered by the presiding officer assigned to the formal complaint.

CANCELLED BY
ORDER U-11397
REMOVED BY JKB
DATE 7-21-03



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

STANDARD RULES AND REGULATIONS

R 460.2192 Other remedies.

Rule 92. Nothing in these provisions shall be construed to prevent a party from pursuing appropriate legal and equitable remedies at any time before or after the issuance of any informal appeal decision.

R 460.2199 Rescission.

Rule 99. Rules 6, 25, 27, 28, 31 to 35 of the Standards of Gas Service being R460.896, R 460.915, R 460.917, R 460.918, R 460.921 to R 460.925 of the Michigan Administrative Code and appearing on pages 6095 and 6101 to 6103 of the 1954 volume of the Code and rules 5, 7, 8, 10, 11, 14 to 17 and 28 of the Rules of Electric Service, being R 460.501, R 460.502 and R 460.504 of the Michigan Administrative Code and appearing on pages 5788 to 5792 of the 1954 volume of the Code, are rescinded insofar as they apply to electrical and gas residential utility service.

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By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

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STANDARD RULES AND REGULATIONS

- (7) An eligible low-income customer may preenroll in the winter protection plan between November 15 and November 30 by paying the current usage plus 1/12 of any arrearage and agreeing to the terms of the winter protection plan for the upcoming space heating season. An eligible senior citizen customer may preenroll by advising the utility of his or her eligibility. A preenrolled customer shall not have his or her service terminated before the commencement of the winter protection plan. A customer who is off service as of November 15 shall be eligible to preenroll in the winter protection plan and have service restored immediately after fulfilling the requirements for preenrollment. Further, an off service low-income customer who applies during the preenrollment period shall be entitled to have all deposits and reconnection fees waived.

PART 7. COMMISSION APPEAL PROCEDURES

R 460.2181 Informal appeal.

Rule 81. Within 7 days after a utility hearing officer issues a written complaint determination, either party may make an informal appeal to the commission staff.

R 460.2182 Filing procedures.

Rule 82.

- (1) A party may make an informal appeal in any reasonable manner. The informal appeal need not be in writing and may be initiated by telephone or in person at the offices of the commission.
- (2) A written appeal need not be verified.
- (3) The appealing party shall provide all of the following information:
 - (a) Name and address of the customer.
 - (b) Name of the utility involved.
 - (c) The nature of the original complaint in a clear and concise manner.
 - (d) The relief requested.

R 460.2183 Exhaustion of remedies.

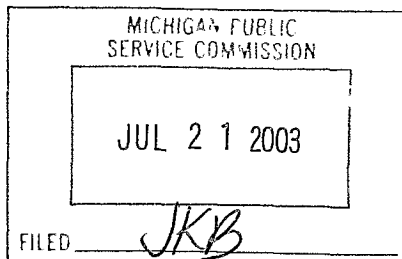
Rule 83. The commission staff may require a customer to pursue remedies directly with the utility as provided in these rules before accepting an informal appeal. The commission may waive this rule when circumstances require.

R 460.2184 Informal appeal procedures.

Rule 84.

- (1) The commission staff shall assign the informal appeal to a complaint and information officer or another employee of the commission as the commission may designate. The officer or designated employee shall reduce the appeal to writing and shall have all of the following responsibilities:
 - (a) Advising the appealing party of the procedures of the commission by telephone or in writing.
 - (b) Advising the other party that an informal appeal has been filed.
 - (c) Issuing interim determinations as necessary.

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Ass't VP Regulatory Affairs
Green Bay, Wisconsin

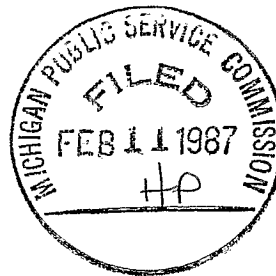
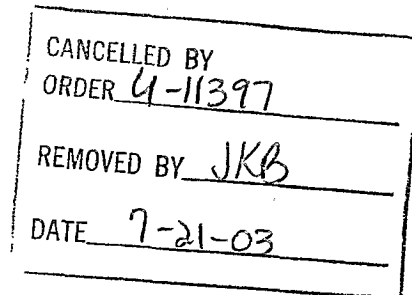


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In Case No: U-11397

STANDARD RULES AND REGULATIONS

III. Other Remedies

Nothing in these provisions shall be construed to prevent a party from pursuing appropriate legal and equitable remedies at any time prior to or after the issuance of any informal appeal decision.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

STANDARD RULES AND REGULATIONS

- (d) Reviewing or investigating the appeal as provided in these rules.
- (e) Issuing an informal appeal decision.
- (2) Upon notification by the commission staff that an informal appeal has been made, the utility shall promptly file, with the commission staff, the certified hearing record. The parties shall be bound by the evidence presented at the hearing and contained in the hearing record. In arriving at the informal appeal decision, the complaint and information officer or designated employee shall not be required to receive or consider any additional evidence or information.
- (3) In all informal appeals, the utility has the burden of proof by a preponderance of the evidence.

R 460.2185 Interim determination.

Rule 85.

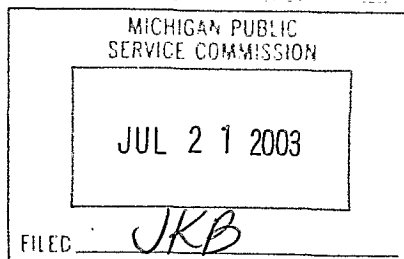
- (1) After receiving the hearing record and pending the final resolution of an informal appeal, the complaint and information officer or designated employee may issue an interim determination with appropriate terms and conditions. In the case of an appeal regarding a bill or deposit, the complaint and information officer or designated employee may require a customer to pay the undisputed portion of a claim in order to continue the prohibition against the shutoff of service as provided in these rules. The complaint and information officer or designated employee may consider the amounts that reasonably appear to reflect the cost of utility service in determining the undisputed portion of a claim.
- (2) If a customer fails to abide by the terms and conditions of an interim determination within 10 days of the date of personal service or mailing of the interim determination by first-class mail, the utility may shut off service as provided in these rules.

R 460.2186 Appeal review.

Rule 86. The complaint and information officer or designated employee shall review the informal appeal thoroughly and, when necessary, conduct further investigation. A party may offer new evidence if the complaint and information officer or designated employee determines that it is relevant and could not have been offered at the hearing before the utility hearing officer through the exercise of due diligence by the offering party. When further investigation is necessary, the complaint and information officer or designated employee may request additional evidence or, at his or her own initiative, may hold an informal conference with the parties or their representatives at a time and place designated by the officer or employee. If either party fails to appear at the informal conference without a good reason or without having requested an adjournment, the right of the absent party to appear at the conference shall be waived. At an informal conference, the parties shall have the right to do all of the following:

- (a) Represent themselves, to be represented by counsel, or to be assisted by other persons of their choice.
- (b) Present oral and documentary evidence.
- (c) Refute, in a reasonable manner, the evidence of the other party.
- (d) Submit an oral or written statement of position.

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By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin



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In Case No: U-11397

STANDARD RULES AND REGULATIONS

SECTION VI - COMMERCIAL AND INDUSTRIAL

A. Customer Deposits.

CANCELLED BY

ORDER U-11397

REMOVED BY JKB

DATE 7-21-03

- (1) The following provisions apply to new customer deposits:
- (a) Except as provided in subdivision (b) of this subrule, the Company shall not require a deposit from a new customer as a condition of receiving service. The Company may, with proper notification, require a deposit from a new customer if the customer exhibits an unsatisfactory record of bill payment within the first 6 months after service has commenced. Payment of bills on or before the due date shall constitute a satisfactory record of bill payment.
 - (b) The Company may require a deposit for a new customer in cases involving service for short periods or special occasions, in cases where the new customer has an existing bad debt with the Company, or in cases where other business accounts with the customer are experiencing collection activity.
- (2) Existing customers. An existing customer shall be classified as one who has received service for more than a 6-month period. A deposit may be required following the mailing of 2 or more final disconnect notices within the most recent 12-month period or if service has been discontinued for nonpayment.
- (3) A deposit of not more than 3 times an average monthly billing may be required from customers who are subject to deposit provisions. The Company shall provide reasonable terms for the payment of the deposit.
- (4) A deposit may be retained by the Company until the customer compiles a record of 18 continuous months of bill payment on or before the due date.
- (5) Simple interest on deposits at the rate of not less than 6% per annum shall be paid by the Company to each customer who is required to make such deposit for the time the deposit is held by the Company. Interest need not be paid unless the deposit is held for more than 12 months. Payment of the interest to the customer shall be made annually if requested by the customer. If payment of the interest is not requested, the interest shall be paid at the time the deposit is returned. Interest shall be accrued annually. The deposit shall cease to draw interest on the date the deposit is returned, on the date service is terminated, or on the date that notice that the deposit is no longer required is sent to the customer's last known address.

Issued April 4, 1991 by

E. Argenta
President
Houghton, Michigan

Effective: Bills issued on and
after May 1, 1991



Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

STANDARD RULES AND REGULATIONS

SECTION VI - COMMERCIAL AND INDUSTRIAL

A. Customer Deposits.

- (1) The following provisions apply to new customer deposits:
- (a) Except as provided in subdivision (b) of this subrule, the Company shall not require a deposit from a new customer as a condition of receiving service. The Company may, with proper notification, require a deposit from a new customer if the customer exhibits an unsatisfactory record of bill payment within the first 6 months after service has commenced. Payment of bills on or before the due date shall constitute a satisfactory record of bill payment.
 - (b) The Company may require a deposit for a new customer in cases involving service for short periods or special occasions, in cases where the new customer has an existing bad debt with the Company, or in cases where other business accounts with the customer are experiencing collection activity.
- (2) Existing customers. An existing customer shall be classified as one who has received service for more than a 6-month period. A deposit may be required following the mailing of 2 or more final disconnect notices within the most recent 12-month period or if service has been discontinued for nonpayment.
- (3) A deposit of not more than 3 times an average monthly billing may be required from customers who are subject to deposit provisions. The Company shall provide reasonable terms for the payment of the deposit.
- (4) A deposit may be retained by the Company until the customer compiles a record of 18 continuous months of bill payment on or before the due date.
- (5) Simple interest on deposits at the rate of not less than 6% per annum shall be paid by the Company to each customer who is required to make such deposit for the time the deposit is held by the Company. Interest need not be paid unless the deposit is held for more than 12 months. Payment of the interest to the customer shall be made annually if requested by the customer. If payment of the interest is not requested, the interest shall be paid at the time the deposit is returned. Interest shall be accrued annually. The deposit shall cease to draw interest on the date the deposit is returned, on the date service is terminated, or on the date that notice that the deposit is no longer required is sent to the customer's last known address.

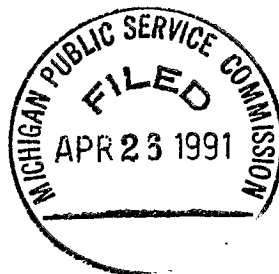
CANCELLED BY
ORDER

MAR 28 1991

MOVED BY.

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and
after May 1, 1991

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

STANDARD RULES AND REGULATIONS

R 460.2187 Shutoff pending decision.

Rule 87. A utility shall not shut off service or issue a notice of shutoff related to the matter in dispute pending the decision of the commission staff, except pursuant to the terms of an interim determination.

R 460.2188 Informal appeal decision.

Rule 88. The complaint and information officer or other employee so designated by the commission shall, within 30 days after the utility files the certified record, issue a written informal appeal decision affirming, modifying, or reversing the complaint determination. In reversing or modifying the complaint determination, the decision shall set forth the terms and conditions for continued service, shutoff, or a proposed settlement agreement as required by the facts and circumstances. The decision shall state the relevant findings of fact and the reasons for the decision.

R 460.2189 Failure to comply with informal appeal decision.

Rule 89. A copy of the informal appeal decision shall be served personally or by first-class mail on the parties. Failure of either party to comply with the decision within 10 days from the date of service by mailing shall permit implementation of the action or remedy provided by the decision.

R 460.2190 Same dispute.

Rule 90. The commission staff may dismiss a subsequent informal appeal that involves the same question or issue based upon the same facts without following every procedure set forth in these rules.

R 460.2191 Formal appeal.

Rule 91. Either party may appeal the decision of the complaint and information officer or designated employee by filing a formal complaint in accordance with the rules of practice and procedure before the commission. A party may proceed in accordance with the terms of the informal appeal decision unless otherwise ordered by the commission or the presiding officer who is assigned to the formal complaint.

Issued: 6-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

MICHIGAN PUBLIC
SERVICE COMMISSION

JUL 21 2003

FILED

JKB

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On and After: 6-1-03
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Dated 9-3-99
In Case No: U-11397

STANDARD RULES AND REGULATIONS

SECTION VI - COMMERCIAL AND INDUSTRIAL (Continued)

- (6) The Company shall keep records which show all of the following information:
- (a) The name and address of each depositor.
 - (b) The amount and date of the deposit.
 - (c) Each transaction concerning the deposit.
- (7) The Company shall issue a receipt of deposit to each customer from whom a deposit is received and shall provide means whereby a depositor may establish his or her claim if his or her receipt is lost.
- (8) A record of each unclaimed deposit shall be maintained for not less than 3 years, during which time the Company shall make a reasonable effort to return the deposit.
- (9) Unclaimed deposits, together with accrued interest, shall be credited to an appropriate account and shall be disposed of pursuant to Michigan statutes.
- (10) Deposits for residential customers are governed by Section V of these Rules and Regulations.

| | |
|--------------|----------------------|
| CANCELLED BY | ORDER <u>U-11397</u> |
| REMOVED BY | <u>JKB</u> |
| DATE | <u>7-21-03</u> |

B. Customer Bill Forms for Commercial and Industrial Customers

- (1) The Company shall bill each customer as promptly as possible after the reading, or estimated reading, of his or her meter. The bill shall show all of the following information:
- (a) The reading, or estimated reading, of the meter at the beginning and at the end of the period for which the bill is rendered.
 - (b) The dates on which the meter was read at the beginning and end of the billing period.
 - (c) The number and kind of units metered.
 - (d) The applicable rate schedule or identification of the applicable rate schedule. If the actual rates are not shown, the bill shall carry a statement to the effect that the applicable rate schedule will be furnished on request.
 - (e) The gross amount or net amount of the bill, or both, including any applicable tax shown separately for the net amount.

Issued August 7, 1996 by

C. Fisher
President
Houghton, Michigan



Effective:

July 16, 1996

Issued under authority of the
Michigan Public Service Commission

Dated 7/16/96

In Case No. U-11100

STANDARD RULES AND REGULATIONS

SECTION VI - COMMERCIAL AND INDUSTRIAL (Continued)

- (6) The Company shall keep records which show all of the following information:
 - (a) The name and address of each depositor.
 - (b) The amount and date of the deposit.
 - (c) Each transaction concerning the deposit.
- (7) The Company shall issue a receipt of deposit to each customer from whom a deposit is received and shall provide means whereby a depositor may establish his or her claim if his or her receipt is lost.
- (8) A record of each unclaimed deposit shall be maintained for not less than 3 years, during which time the Company shall make a reasonable effort to return the deposit.
- (9) Unclaimed deposits, together with accrued interest, shall be credited to an appropriate account and shall be disposed of pursuant to Michigan statutes.
- (10) Deposits for residential customers are governed by Section V of these Rules and Regulations.

B. Customer Bill Forms for Commercial and Industrial Customers

- (1) The Company shall bill each customer as promptly as possible after the reading of his or her meter. The bill shall show all of the following information:
 - (a) The reading of the meter at the beginning and at the end of the period for which the bill is rendered.
 - (b) The dates on which the meter was read at the beginning and end of the billing period.
 - (c) The number and kind of units metered.
 - (d) The applicable rate schedule or identification of the applicable rate schedule. If the actual rates are not shown, the bill shall carry a statement to the effect that the applicable rate schedule will be furnished on request.
 - (e) The gross amount or net amount of the bill, or both, including any applicable tax shown separately for the net amount.

Issued April 4, 1991

E. Argentati
President
Houghton, Michigan

Effective: Bills issued on and
after May 1, 1991

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

CANCELLED BY
ORDER

JUL 16 1996

REMOVED BY



STANDARD RULES AND REGULATIONS

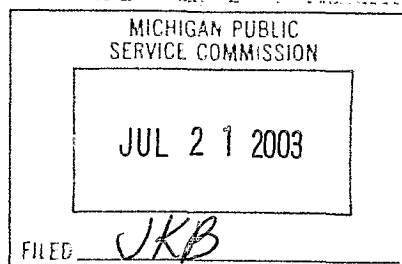
R 460.2192 Other remedies.

Rule 92. Nothing in these provisions shall be construed to prevent a party from pursuing appropriate legal and equitable remedies at any time before or after the issuance of any informal appeal decision.

R 460.2199 Rescission.

Rule 99. Rules 6, 25, 27, 28, 31 to 35 of the Standards of Gas Service being R460.896, R 460.915, R 460.917, R 460.918, R 460.921 to R 460.925 of the Michigan Administrative Code and appearing on pages 6095 and 6101 to 6103 of the 1954 volume of the Code and rules 5, 7, 8, 10, 11, 14 to 17 and 28 of the Rules of Electric Service, being R 460.501, R 460.502 and R 460.504 of the Michigan Administrative Code and appearing on pages 5788 to 5792 of the 1954 volume of the Code, are rescinded insofar as they apply to electrical and gas residential utility service.

Issued: 6-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin



Effective for Service
On and After: 6-1-03
Issued Under Auth. of
Mich Public Serv Comm
Dated 9-3-99
In Case No: U-11397

STANDARD RULES AND REGULATIONS

SECTION VI - COMMERCIAL AND INDUSTRIAL (Continued)

- (f) The date by which the customer must pay the bill to benefit from any discount or to avoid any penalty.
- (g) A distinct marking to identify an estimated bill.
- (h) Any conversions from meter reading units to billing units, any calculations to determine billing units from recording or other devices, or any other factors, such as fuel adjustments, used in determining the bill. In place of such information on the bill, a statement shall appear on the bill advising the customer that such information can be obtained by contacting the Company's principal office, except that any multiplier used to determine billing units shall be shown when used.
- (i) Billings rendered on a calendar month basis where the metered data is obtained from an electronic system and does not coincide with the billing dates shall reflect the read on the customer's bill taken at the time the data was collected.

(2) Bill forms for residential customers are governed by Section V, L.

C. Denial of Service to Commercial and Industrial Customers

- (1) Service to commercial and industrial customers may be denied or discontinued for any of the following reasons:
 - (a) Without notice if a condition on the customer's premises is determined by the Company or a governmental agency to be hazardous.
 - (b) Without notice if a customer uses equipment in a manner which adversely affects the Company's equipment or the Company's service to others.
 - (c) Without notice if the customer tampers with the equipment furnished and owned by the Company.
 - (d) Without notice if unauthorized use of the equipment furnished and owned by the Company occurs, including obtaining the use of equipment by submitting a falsified application.
 - (e) For violation of, or noncompliance with, the Company's rules on file with, and approved by, the commission.

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| CANCELLED BY | ORDER <u>U-11397</u> |
| REMOVED BY | <u>JKB</u> |
| DATE | <u>7-21-03</u> |

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and after May 1, 1991

Issued under authority of the
Michigan Public Service Commission
Dated March 28, 1991
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Cancelled
(Reserved For Future Use)

Issued: 6-27-06
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for Service
On and After 6-28-06
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Dated 6-27-06
In Case No: U-14745

STANDARD RULES AND REGULATIONS

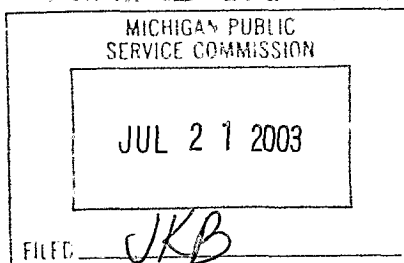
SERVICES SUPPLIED BY ELECTRIC UTILITIES FOR
COMMERCIAL AND INDUSTRIAL ELECTRIC SERVICE

R 460.3901 Customer Deposits.

Rule 901.

- (1) Both of the following provisions apply to new customer deposits:
 - (a) Except as provided in subdivision (b) of this subrule, a utility shall not require a deposit from a new customer as a condition of receiving service. A utility may, with proper notification, require a deposit from a new customer if the customer exhibits an unsatisfactory record of bill payment within the first 6 months after service has commenced. Payment of bills on or before the due date shall constitute a satisfactory record of bill payment.
 - (b) A utility may require a deposit for a new customer under any of the following conditions:
 - (i) Service is for short periods or special occasions.
 - (ii) The new customer has an existing bad debt with any company regulated by the commission.
 - (iii) Other business accounts with the customer are experiencing collection activity.
 - (iv) The customer has no established credit rating or an unfavorable credit rating with a credit-reporting agency.
- (2) An existing customer shall be classified as one who has received service for more than a 6-month period. A deposit may be required under any of the following conditions:
 - (a) If a shutoff notice has been issued on 2 or more occasions within the most recent 12-month period.
 - (b) Service has been shut off for nonpayment.
 - (c) The customer has tampered with the meter or converted utility electricity to the customer's use.
- (3) A deposit of not more than 3 times an average monthly billing may be required from customers who are subject to deposit provisions. The utility shall provide reasonable terms for the payment of the deposit. If the applicant has sought any form of relief under the federal bankruptcy laws or is brought within the jurisdiction of the bankruptcy court for any reason, or if a receiver is appointed in a state court proceeding, the utility may assess a deposit as allowed by federal bankruptcy law or state law.
- (4) A deposit may be retained by the utility until the customer compiles a record of up to 18 continuous months of bill payment on or before the due date.

Issued: 6-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin



Effective for Service
On and After: 6-1-03
Issued Under Auth. of
Mich Public Serv Comm
Dated 4-10-96
In Case No: U-10661

STANDARD RULES AND REGULATIONS

SECTION VI - COMMERCIAL AND INDUSTRIAL (Continued)

- (f) For failure of the customer to fulfill his or her contractual obligations for service or facilities which are subject to regulation by the commission.
 - (g) For failure of the customer to permit the Company reasonable access to its equipment.
 - (h) For nonpayment of a bill if the Company has made a reasonable attempt to effect collection.
 - (i) For failure of the customer to provide the Company with a deposit as authorized by Section VI, A.
- (2) Except as provided in subrule (1)(a), (b), (c), and (d) of this rule, the Company shall give the customer written notice that he or she has not less than 10 days to make settlement of his or her account or to comply with the rules and regulations of the Company, as the case may be, or have his or her service denied.
- (3) At least 1 day before scheduled field action for disconnect, an attempt shall be made to contact the customer by telephone or in person. If no contact is made within 24 hours before disconnect, a notice shall be left at the premises in a conspicuous location indicating service may be disconnected the next business day if the bill is not paid. Service shall not be discontinued on the day preceding a day or days on which the Company does not provide for receiving payments and restoring service, except as provided in subrule (1)(a), (b), (c), and (d) of this rule.

D. Denial of Service to Commercial and Industrial Customers; Insufficient Cause.

- (1) The following reasons do not constitute sufficient cause for denial of service to a present or prospective customer:
- (a) Delinquency in payment for service by a previous occupant of the premises to be served.
 - (b) Failure to pay for merchandise purchased from the Company.
 - (c) Failure to pay for a different type or class of public utility service.
 - (d) Failure to pay the bill of another customer as guarantor thereof.

CANCELLED BY
ORDER U- 10661
REMOVED BY JKB
DATE 7-21-03

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and
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Issued under authority of the
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Dated March 28, 1991
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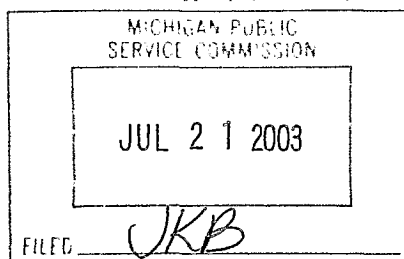
STANDARD RULES AND REGULATIONS

- (5) A utility shall pay simple interest to each customer who is required to make a deposit for the time the deposit is held by the utility. The interest rate shall be the rate paid on United States savings bonds, series EE, as of the first business day of the calendar year. Interest need not be paid unless the deposit is held for more than 12 months. Payment of the interest to the customer shall be made annually if requested by the customer. If payment of the interest is not requested, the interest shall be paid at the time the deposit is returned. Interest shall be accrued annually. The deposit shall cease to draw interest on the date the deposit is returned, on the date service is terminated, or on the date that notice that the deposit is no longer required is sent to the customer's last known address.
- (6) If service is terminated or shut off, the utility may apply the deposit, plus accrued interest, to the customer's unpaid balance. If the deposit, plus accrued interest, is more than the unpaid balance, the excess shall be returned to the customer.
- (7) Each utility shall keep records that show all of the following information:
 - (a) The name and address of each depositor.
 - (b) The amount and date of the deposit.
 - (c) Each transaction concerning the deposit.
- (8) Each utility shall issue a receipt of deposit to each customer from whom a deposit is received and shall provide means by which a depositor may establish a claim if the receipt is lost.
- (9) A record of each unclaimed deposit shall be maintained for not less than 3 years, during which time the utility shall make a reasonable effort to return the deposit.
- (10) Unclaimed deposits, together with accrued interest, shall be credited to an appropriate account and shall be disposed of pursuant to Michigan statutes.
- (11) Deposits for residential customers are governed by the provisions of R 460.2101 et seq.

R 460.3902 Customer Bill Forms for Commercial and Industrial Customers
Rule 902.

- (1) The utility shall bill each customer as promptly as possible after reading the meter or meters. The bill shall show all of the following information:
 - (a) The reading or readings of each meter at the beginning and end of the period for which the bill is rendered.
 - (b) The dates on which each meter was read at the beginning and end of the billing period.
 - (c) The number and kind of units metered.

Issued: 6-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin



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On and After: 6-1-03
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In Case No: U-10661

STANDARD RULES AND REGULATIONS

SECTION VI - COMMERCIAL AND INDUSTRIAL (Continued)

- (2) The Company shall not discontinue service during a reasonable time period given to a customer to pay the amount of a backbilling as provided in Section VI, C.

E. Discounts and Delayed Payment Charges.

Where provided for in an approved rate schedule, the Company may grant a discount for prompt payment of a bill for service or may make a delayed payment charge for failure to make prompt payment. A delayed payment charge shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the date on which the bill is due.

F. Delivery and Payment of Bills.

A bill shall be mailed or delivered to the customer not less than 21 days before the due date unless the customer is a participant in the Preferred Due Date Billing service. Failure to receive a bill properly rendered by the Company does not extend the net bill period. If the date on which the net bill is due falls on Saturday, Sunday, or a holiday, the bill shall be due on the next business day. Customers who mail remittances before midnight of the last day of the net bill period shall receive the benefit of the net bill, the date of mailing to be determined as 2 days before its receipt by the Company.

G. Meter Readings and Estimates.

For non-demand commercial and industrial customers, the company shall schedule meters to be read at least bi-monthly. To the extent practicable, the company shall not send a non-demand commercial or industrial customer two successive estimated bills. The company may permit the non-demand commercial or industrial customer to supply the meter readings on a form furnished by the company if an employee of the company reads the meter at least once each 12 months.

H. Billing for Fractional Month's Electric Service

When a customer's use of service is for a fractional month, the company will, unless specific provision would conflict, prorate the bill for the period on the following basis:

a. Block Type Rates

1) Initial Bills

- a) 10 days or less - include consumption in next billing
- b) 11 days to 24 days inclusive - prorate on a daily basis
- c) 25 days to 35 days inclusive - bill as one month
- d) Over 35 days - prorate on a daily basis

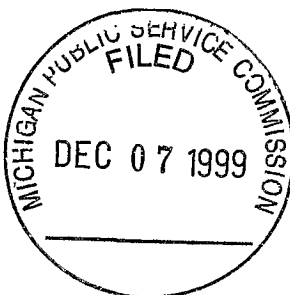
2) Pick-Up Billing

- a) 25 to 35 days inclusive - bill as one month
- b) All others - prorate on a daily basis

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| CANCELLED BY |
| ORDER <u>U-10661</u> |
| REMOVED BY <u>JKB</u> |
| DATE <u>7-21-03</u> |

Issued: November 17, 1999

By: C. Fisher, President/CEO
Houghton, Michigan



Effective for Service
On and After: November 17, 1999

Issued under the authority of the
Michigan Public Service Commission
Order dated November 16, 1999, in
Case No. U-12092.

STANDARD RULES AND REGULATIONS

SECTION VI - COMMERCIAL AND INDUSTRIAL (Continued)

- (2) The Company shall not discontinue service during a reasonable time period given to a customer to pay the amount of a backbilling as provided in Section VI, C.

E. Discounts and Delayed Payment Charges.

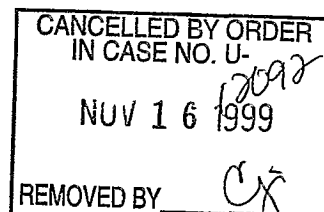
Where provided for in an approved rate schedule, the Company may grant a discount for prompt payment of a bill for service or may make a delayed payment charge for failure to make prompt payment. A delayed payment charge shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the date on which the bill is due.

F. Delivery and Payment of Bills.

A bill shall be mailed or delivered to the customer not less than 21 days before the due date. Failure to receive a bill properly rendered by the Company does not extend the net bill period. If the date on which the net bill is due falls on Saturday, Sunday, or a holiday, the bill shall be due on the next business day. Customers who mail remittances before midnight of the last day of the net bill period shall receive the benefit of the net bill, the date of mailing to be determined as 2 days before its receipt by the Company.

G. Meter Readings and Estimates.

For non-demand commercial and industrial customers, the company shall schedule meters to be read at least bi-monthly. To the extent practicable, the company shall not send a non-demand commercial or industrial customer two successive estimated bills. The company may permit the non-demand commercial or industrial customer to supply the meter readings on a form furnished by the company if an employee of the company reads the meter at least once each 12 months.



Issued August 7, 1996 by

C. Fisher
President
Houghton, Michigan



Effective:

July 16, 1996

Issued under authority of the
Michigan Public Service Commission

Dated 7/16/96

In Case No. U-11100

STANDARD RULES AND REGULATIONS

SECTION VI - COMMERCIAL AND INDUSTRIAL (Continued)

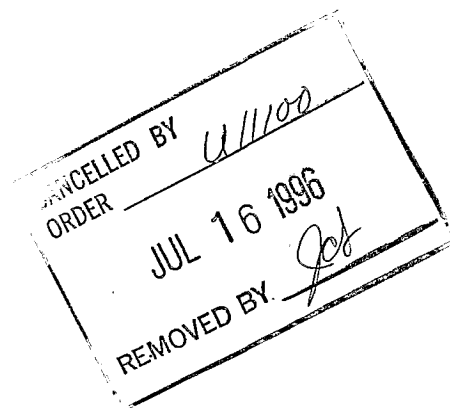
- (2) The Company shall not discontinue service during a reasonable time period given to a customer to pay the amount of a backbilling as provided in Section VI, C.

E. Discounts and Delayed Payment Charges.

Where provided for in an approved rate schedule, the Company may grant a discount for prompt payment of a bill for service or may make a delayed payment charge for failure to make prompt payment. A delayed payment charge shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the date on which the bill is due.

F. Delivery and Payment of Bills.

A bill shall be mailed or delivered to the customer not less than 21 days before the due date. Failure to receive a bill properly rendered by the Company does not extend the net bill period. If the date on which the net bill is due falls on Saturday, Sunday, or a holiday, the bill shall be due on the next business day. Customers who mail remittances before midnight of the last day of the net bill period shall receive the benefit of the net bill, the date of mailing to be determined as 2 days before its receipt by the Company.



Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and
after May 1, 1991

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

STANDARD RULES AND REGULATIONS

Cancelled

Issued: 6-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

MICHIGAN PUBLIC
SERVICE COMMISSION

JUL 21 2003

FILED

JKB

Effective for Service
On and After: 6-1-03
Issued Under Auth. of
Mich Public Serv Comm
Dated 4-10-96
In Case No: U-10661

STANDARD RULES AND REGULATIONS

SECTION VI - COMMERCIAL AND INDUSTRIAL (Continued)

- 3) Final Bills
- a) 25 to 35 days inclusive - bill as one month
 - b) Zero use for period up to and including 20 days - no bill
 - c) All others - prorate on a daily basis
- b. Demand Type, Street Lighting, and Outdoor Lighting
Prorate part-months bills on a daily basis
- c. Temporary Customers
Customers whose total length of service is less than 30 days - bill as one month
- d. Annual Minimums
Prorate part year on a monthly basis

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| CANCELLED BY ORDER <u>U-10661</u> |
| REMOVED BY <u>JKB</u> |
| DATE <u>7-21-03</u> |

Issued: November 17, 1999

By: C. Fisher, President/CEO
Houghton, Michigan



Effective for Service
On and After: November 17, 1999

Issued under the authority of the
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Order dated November 16, 1999, in
Case No. U-12092.

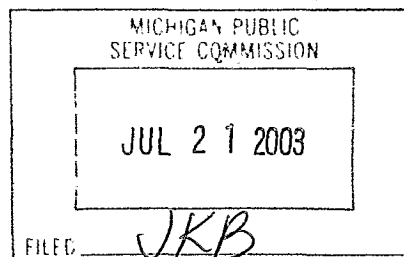
STANDARD RULES AND REGULATIONS

- (d) The applicable rate schedule or identification of the applicable rate schedule. If the actual rates are not shown, the bill shall carry a statement to the effect that the applicable rate schedule will be furnished on request.
 - (e) The gross amount or net amount of the bill, or both, including any applicable tax shown separately from the net amount.
 - (f) The date by which the customer must pay the bill to benefit from any discount or to avoid any penalty.
 - (g) A distinct marking to identify an estimated bill.
 - (h) Any conversions from meter reading units to billing units, any calculations to determine billing units from recording or other devices, or any other factors, such as power supply cost recovery adjustments, used in determining the bill.
- (2) In place of the billing information specified in subrule (1) (h) of this rule, a statement may appear on the bill advising the customer that the information can be obtained by contacting the utility's principal office. Any multiplier used to determine billing units shall be shown when used.
 - (3) If the billing period differs from the meter reading cycle and the reading data is calculated from actual metered data, the actual meter reading shall be shown on the bill.
 - (4) Bill forms for residential customers are governed by R460.2101 et seq.

R 460.3903 Denial of Service to Commercial and Industrial Customers
Rule 903.

- (1) Service to commercial and industrial customers may be denied or shut off for any of the following reasons:
 - (a) Without notice, if a condition on the customer's premises is determined by the utility or a governmental agency to be hazardous.
 - (b) Without notice, if a customer uses equipment in a manner that adversely affects the utility's equipment or the utility's service to others.
 - (c) Without notice, if the customer tampers with the equipment furnished and owned by the utility.
 - (d) Without notice, if unauthorized use of the equipment furnished and owned by the utility occurs, including obtaining the use of equipment by submitting a falsified application.
 - (e) For violation of, or noncompliance with, the utility's rules on file with, and approved by, the commission.
 - (f) For failure of the customer to fulfill his or her contractual obligations for service or facilities that are subject to regulation by the commission.
 - (g) For failure of the customer to permit the utility reasonable access to its equipment.
 - (h) For nonpayment of a bill if the utility has made a reasonable attempt to obtain payment.
 - (i) For failure of the customer to provide the utility with a deposit as authorized by R 460.3901.

Issued: 6-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin



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Mich Public Serv Comm
Dated 4-10-96
In Case No: U-10661

STANDARD RULES AND REGULATIONS

- (2) Except as provided in subrule (1)(a), (b), (c), and (d) of this rule, a utility shall give a customer written notice that if the customer does not settle the account or comply with the rules and regulations of the utility within 10 days of issuance of the notice to the customer, the utility may deny or shut off service.
- (3) At least 1 day before scheduled field action for shutoff, an attempt shall be made to contact the customer by telephone or in person. If contact is not made within 24 hours before the scheduled shutoff, a notice shall be left at the premises in a conspicuous location indicating that service may be shut off the next business day if the bill is not paid.
- (4) If the customer's premises are not occupied for residential purposes, the utility may give the notice required in subrule (3) of this rule by mailing the notice to the customer. The notice shall indicate the date on which service may be shut off, which shall be not less than 4 calendar days after the postmark date.
- (5) Service shall not be shut off on the day preceding a day or days on which the utility does not provide for receiving payments and restoring service, except as provided in subrule (1)(a), (b), (c), and (d) of this rule.

R 460.3904 Denial or shutoff of service to commercial and industrial customers; insufficient cause.

Rule 904.

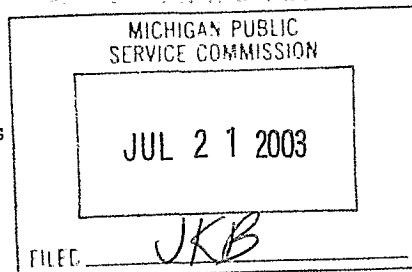
- (1) The following reasons do not constitute sufficient cause for denial or shutoff of service to a prospective or present commercial or industrial customer:
 - (a) Delinquency in payment for service by a previous occupant of the premises to be served.
 - (b) Failure to pay for items, such as merchandise or appliances, or services that are not approved by the commission as an integral part of the electric service provided by the utility.
 - (c) Failure to pay for a different type or class of public utility service.
 - (d) Failure to pay the bill of another customer as guarantor.
- (2) A utility shall not shut off service during a reasonable time period given to a customer to pay the amount of a backbilling as provided in R460.3403(12) and R 460.3404(3).

R 460.3905 Discounts and Late Payment Charges.

Rule 905.

Where provided for in an approved rate schedule for commercial and industrial customers, a utility may grant a discount for prompt payment of a bill for service or may make a late payment charge for failure to make prompt payment. A late payment charge may be applied to the unpaid balance if the bill is not paid in full on or before the due date.

Issued: 6-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin



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In Case No: U-10661

STANDARD RULES AND REGULATIONS

R 460.3906 Delivery and Payment of Bills.

Rule 906.

A bill shall be mailed or delivered to the customer not less than 21 days before the due date, unless otherwise approved by the commission or unless the customer is participating in the preferred due date billing service. Failure to receive a bill properly rendered by the utility does not extend the net bill period. If the date on which the net bill is due falls on Saturday, Sunday, or a nationally recognized holiday, the bill shall be due on the next business day. Customers who mail remittances before midnight of the last day of the net bill period shall receive the benefit of the net bill--the date of mailing to be determined as 2 days before its receipt by the utility.

R 460.3907 Transfer of unpaid balance.

Rule 907.

In the event of shutoff or termination of service to a non-residential customer, a utility may transfer an unpaid balance to any other nonresidential account of the customer.

R 460.3908 Notice of Shutoff.

Rule 908.

Not less than 10 days before the proposed shutoff of service to a commercial or industrial facility that is occupied by more than 5 business entities that are not responsible for payment of the bill, a utility shall make a reasonable attempt to notify each occupant that service may be subject to shutoff after a specified date.

Billing for Fractional Month's Electric Service

When a customer's use of service is for a fractional month, the company will, unless specific provision would conflict, prorate the bill for the period on the following basis:

(1) Block Type Rates

(a) Initial Bills

- (i) 10 days or less - include consumption in next billing
- (ii) 11 days to 24 days inclusive - prorate on a daily basis
- (iii) 25 days to 35 days inclusive - bill as one month
- (iv) Over 35 days - prorate on a daily basis

(b) Pick-Up Billing

- (i) 25 to 35 days inclusive - bill as one month
- (ii) All others - prorate on a daily basis

(c) Final Bills

- (i) 25 to 35 days inclusive - bill as one month
- (ii) Zero use for period up to and including 20 days - no bill
- (iii) All others - prorate on a daily basis

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By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

MICHIGAN PUBLIC
SERVICE COMMISSION

JUL 21 2003

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On and After: 6-1-03
Issued Under Auth. of
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Dated 11-16-99
In Case No: U-12092

STANDARD RULES AND REGULATIONS

- (2) Demand Type, Street Lighting, and Outdoor Lighting
Prorate part-months bills on a daily basis
- (3) Temporary Customers
Customers whose total length of service is less than 30 days - bill as one month
- (4) Annual Minimums
Prorate part year on a monthly basis

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By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

MICHIGAN PUBLIC
SERVICE COMMISSION

JUL 21 2003

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In Case No: U-12092

MCEC - Michigan Customer Education Charge

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Cancelled

Issued: 9-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

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| MICHIGAN PUBLIC SERVICE COMMISSION | |
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Effective for Service
On and After: 4-17-03
Issued Under Auth. of
Mich Public Serv Comm
Dated: 4-17-03
In Case No: U-12133

MCEC - Michigan Customer Education Charge

AVAILABILITY

The mandated October 11, 2001 Michigan Customer Education Charge recovers from customers the customer education expenses associated with Michigan Customer Choice program. A monthly charge of \$0.18/meter shall be assessed to all customers receiving service according to the following electric rate schedules:

Service

Residential Service -URBAN AND RURAL
Residential Service - ELECTRIC HEATING
GENERAL SERVICE
COMMERCIAL ELECTRIC HEATING SERVICE
LIGHT AND POWER SERVICE
LARGE LIGHT AND POWER
SCHEDULE A
MUNICIPAL WATER PUMPING
Water Heating SERVICE

Schedule

A-1, A-2
AH-1, AH-2
C-1, C-2
H-1, H-2
P-1, P-2
WP-1, WP-2
SCHEDULE A
M-1, M-2
W-1, W-2

Note: Residential Customers with multiple meters at one location will only be assessed one \$0.18 charge per account.

CANCELLED BY
ORDER U-12133
REMOVED BY JKB
DATE 11/6/03

Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12650

POWER SUPPLY COST RECOVERY

Continued from Sheet No. 10.50

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

Power Supply Cost Recovery Factors

| Billing Months | Authorized 2008 Plan Year PSCR Factor \$/kWh | Prior Years Over/Under Recovery Factor \$/kWh | Maximum Authorized 2008 PSCR Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|--|---|--|--------------------------------------|
| January 2008 | \$0.01034 | | | \$0.01034 |
| February 2008 | \$0.01034 | | | \$0.01034 |
| March 2008 | \$0.01034 | | | |
| April 2008 | \$0.01034 | | | |
| May 2008 | \$0.01034 | | | |
| June 2008 | \$0.01034 | | | |
| July 2008 | \$0.01034 | | | |
| August 2008 | \$0.01034 | | | |
| September 2008 | \$0.01034 | | | |
| October 2008 | \$0.01034 | | | |
| November 2008 | \$0.01034 | | | |
| December 2008 | \$0.01034 | | | |

R

Issued 1-14-08
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the 2008 plan year
Issued Under Auth. of
1982 PA 304, Section 6j (9) and
Mich Public Serv Comm
In Case No. U-15401

POWER SUPPLY COST RECOVERY

Continued from Sheet No. 10.50

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

Power Supply Cost Recovery Factors

| Billing Months | Authorized 2008 Plan Year PSCR Factor \$/kWh | Prior Years Over/Under Recovery Factor \$/kWh | Maximum Authorized 2008 PSCR Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|--|---|--|--------------------------------------|
| January 2008 | \$0.01034 | | | \$0.01034 |
| February 2008 | \$0.01034 | | | |
| March 2008 | \$0.01034 | | | |
| April 2008 | \$0.01034 | | | |
| May 2008 | \$0.01034 | | | |
| June 2008 | \$0.01034 | | | |
| July 2008 | \$0.01034 | | | |
| August 2008 | \$0.01034 | | | |
| September 2008 | \$0.01034 | | | |
| October 2008 | \$0.01034 | | | |
| November 2008 | \$0.01034 | | | |
| December 2008 | \$0.01034 | | | |

Issued 12-14-07
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the 2008 plan year
Issued Under Auth. of
1982 PA 304, Section 6j (9) and
Mich Public Serv Comm
In Case No. U-15401

RATE "A-1" - RESIDENTIAL SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes. This rate is also available to certain multiple dwellings in accordance with the standard rules. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE: DISTRIBUTION SERVICE

Service Charge:

\$7.00 per customer per month plus,

Energy Charge:

5.566¢ per kWh for all kWh

POWER SUPPLY SERVICE (Optional)

Energy Charge:

3.622¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate.

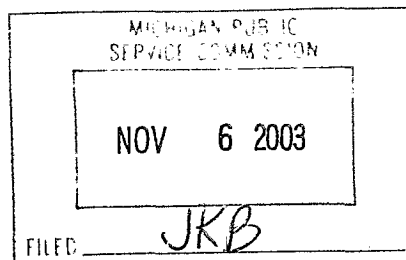
POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due in 17 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

Issued: 9-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin



Effective for Service
On and After: 4-17-03
Issued Under Auth. of
Mich Public Serv Comm
Dated 4-17-03
In Case No: U-12133

RATE "A-1" - RESIDENTIAL SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes. This rate is also available to certain multiple dwellings in accordance with the standard rules. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE: DISTRIBUTION SERVICE

Service Charge:

\$7.00 per customer per month plus,

Energy Charge:

5.566¢ per kWh for all kWh

POWER SUPPLY SERVICE (Optional)

Energy Charge:

3.622¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due in 17 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.

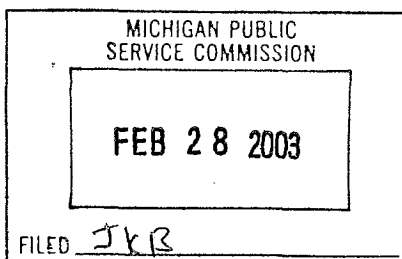
CANCELLED BY

ORDER U-12133

REMOVED BY JKB

DATE 11/6/03

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "A-1" - RESIDENTIAL SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes. This rate is also available to certain multiple dwellings in accordance with the standard rules. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

DISTRIBUTION SERVICE

Service Charge:

\$5.63 per customer per month plus,

Energy Charge:

4.050¢ per kWh for all kWh

POWER SUPPLY SERVICE (Optional)

Energy Charge:

4.460¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be \$81.36.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

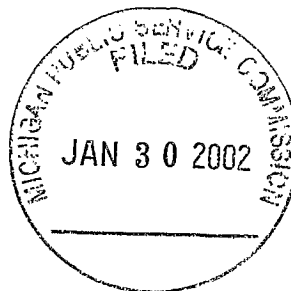
Bills are rendered net with payment due in 21 days from date of bill.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.

| | |
|--------------|---------|
| CANCELLED BY | |
| ORDER | U-13497 |
| REMOVED BY | JKB |
| DATE | 2-28-03 |

Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12133 & U-12650

RATE "A-1" - RESIDENTIAL SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

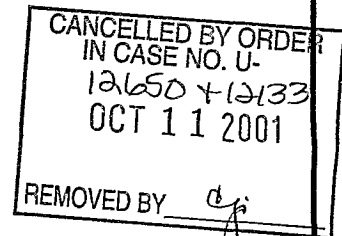
CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$5.63 per customer per month plus,

Energy Charge:
8.51¢ per kWh for all kWh



MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be \$81.36.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due in 21 days from date of bill.

CONTRACT: None required

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct costs of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications off the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kWh delivered.

Issued May 16, 1995 by _____

C. Fisher
President
Houghton, Michigan



Effective:

May 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated April 27, 1995

In Case No. U-10829

RATE "A-1" - RESIDENTIAL SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$5.63 per customer per month plus,

Energy Charge:
8.54¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be \$81.36.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due in 21 days from date of bill.

CONTRACT: None required

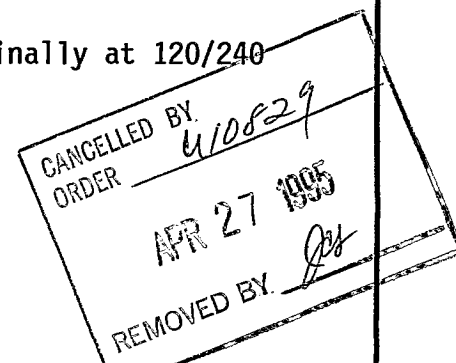
RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct costs of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications off the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kWh delivered.



Issued March 17, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

April 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated March 10, 1995

In Case No. U-10802

RATE "A-1" - RESIDENTIAL SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$5.63 per customer per month plus,

Energy Charge:
9.00¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal-type customers the annual service charge shall be \$81.36.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due in 21 days from date of bill.

CONTRACT: None required

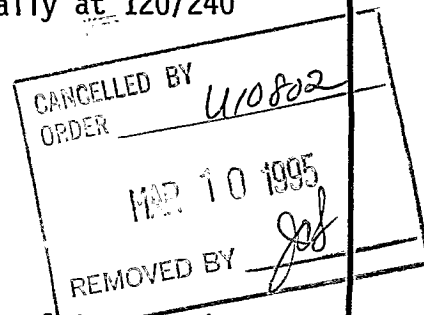
RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

AUXILIARY POWER PROVISION:

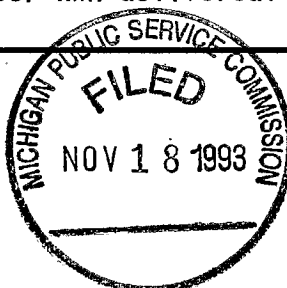
Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct costs of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications off the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kWh delivered.



Issued December 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "A-1" - RESIDENTIAL SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$5.61 per customer per month plus,

Energy Charge:
8.75¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be \$81.36.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due in 21 days from date of bill.

CONTRACT: None required

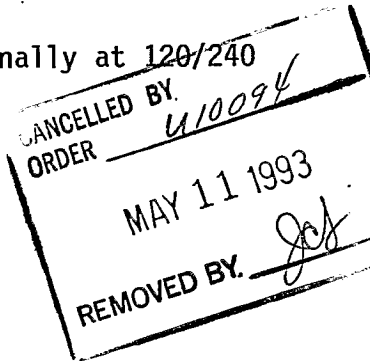
RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

AUXILIARY POWER PROVISION:

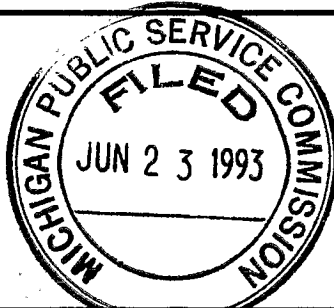
Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct costs of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications off the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kWh delivered.



Issued June 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "A-1" - RESIDENTIAL SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$5.19 per customer per month plus,

Energy Charge:
8.57¢ per kwh for all kwh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be \$75.36.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due in 21 days from date of bill.

CONTRACT: None required

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

AUXILIARY POWER PROVISION:

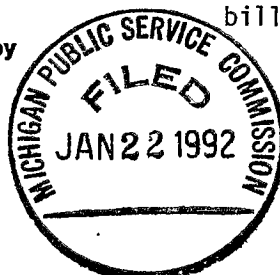
Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct costs of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications off the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kwh delivered.

CANCELLED BY
ORDER 410094
MAY 11 1993
REMOVED BY JH

Issued January 3, 1992 by

C. Fisher
President
Houghton, Michigan



Effective: Bills issued for the first
billing cycle on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "A-1" - RESIDENTIAL SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

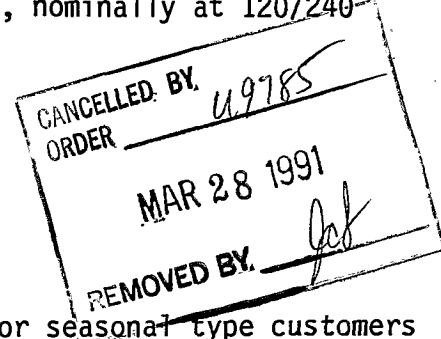
CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$5.17 per customer per month plus,

Energy Charge:
8.31¢ per kwh for all kwh



MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be \$75.12.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due in 21 days from date of bill.

CONTRACT: None required

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

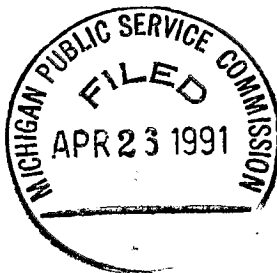
AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct costs of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications off the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kwh delivered.

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and
after May 1, 1991

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "A-1" - RESIDENTIAL SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$4.99 per customer per month plus,

Energy Charge:
8.18¢ per kwh for all kwh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be \$72.60.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due in 21 days from date of bill.

CONTRACT: None required

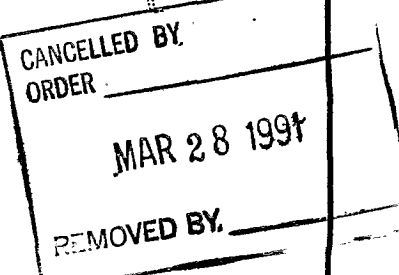
RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct costs of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications off the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kwh delivered.



Issued September 2, 1988 by

E. Argenta
President
Houghton, Michigan



Effective with the
September 1988 billing cycle

Issued under authority of the
Michigan Public Service Commission

Dated August 23, 1988

In Case No. U-9127

RATE "A-1" - RESIDENTIAL SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$4.99 per customer per month plus,

Energy Charge:
8.35¢ per kwh for all kwh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be \$72.60.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due in 21 days from date of bill.

CONTRACT: None required

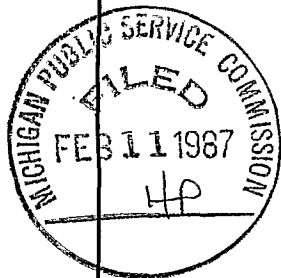
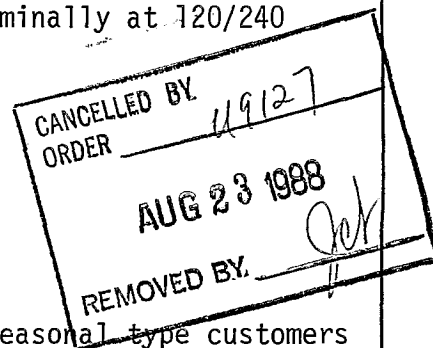
RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct costs of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications off the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kwh delivered.



Issued January 12, 1987 by

E. Argenta
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "A-1" - RESIDENTIAL SERVICE - URBAN AND RURAL

CONTRACT: None required

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

D

Issued: 4-30-05
By J F Schott
VP - Regulatory Affairs
Green Bay, Wisconsin

Effective for Service
On and After: 6-27-05
Issued Under Auth. of
Mich Public Serv Comm
Dated 3-29-05
In Case No: U-14346

RATE "A-1" - RESIDENTIAL SERVICE - URBAN AND RURAL

CONTRACT: None required

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct costs of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications off the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kWh delivered.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin

MICHIGAN PUBLIC
SERVICE COMMISSION

FEB 28 2003

FILED JKB

Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "A-1" - RESIDENTIAL SERVICE - URBAN AND RURAL

CONTRACT: None required

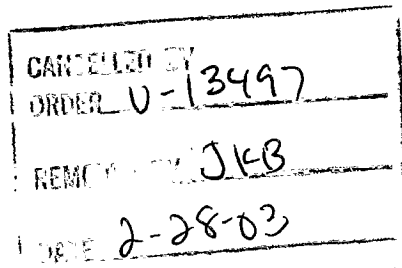
RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

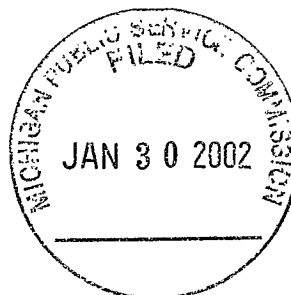
AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct costs of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications off the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kWh delivered.



Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12650

RATE "X-1" - RESIDENTIAL EXPERIMENTAL TIME-OF-DAY

THIS RATE SHEET WAS CANCELLED

CANCELLED BY ORDER
IN CASE NO. U-
12650 + 12133
OCT 11 2001

REMOVED BY Cj

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and
after May 1, 1991

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "X-1" - RESIDENTIAL EXPERIMENTAL TIME-OF-DAY

WHO MAY TAKE SERVICE:

Available on a voluntary basis to the first 100 customers applying, for residential and farm use only. This rate is closed to new business as of July 1, 1988.

TERRITORY APPLICABLE

All territory in the Company's interconnected system.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$7.00 per customer per month plus,

Energy Charge:
9.86¢ per kwh for all kwh consumed during the on-peak period
4.50¢ per kwh for all kwh consumed during the off-peak period

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due within 21 days from date of bill.

CONTRACT:

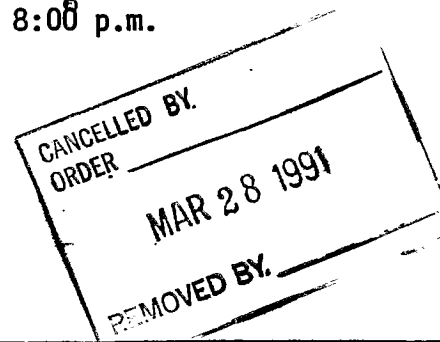
Special test agreement covering a 24-month period.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

SCHEDULE OF ON-PEAK HOURS:

Monday through Friday from 9:00 a.m. to 8:00 p.m.



Issued September 2, 1988 by

E. Argentati
President
Houghton, Michigan



Effective with the
September 1988 billing cycle

Issued under authority of the
Michigan Public Service Commission
Dated August 23, 1988
In Case No. U-9127

RATE "X-1" - RESIDENTIAL EXPERIMENTAL TIME-OF-DAY

WHO MAY TAKE SERVICE:

Available on a voluntary basis to the first 100 customers applying, for residential and farm use only.

TERRITORY APPLICABLE

All territory in the Company's interconnected system.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:

\$7.00 per customer per month plus,

Energy Charge:

10.07¢ per kwh for all kwh consumed during the on-peak period

4.76¢ per kwh for all kwh consumed during the off-peak period

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due within 20 days from date of bill.

CONTRACT:

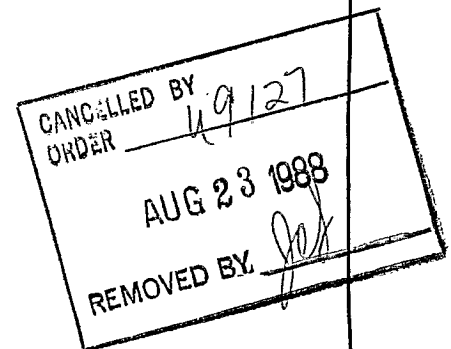
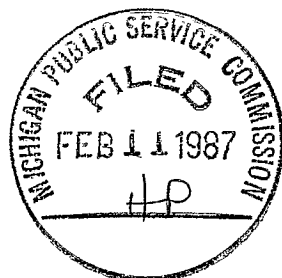
Special test agreement covering a 24-month period.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

SCHEDULE OF ON-PEAK HOURS:

Monday through Friday from 9:00 a.m. to 8:00 p.m.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "AH-1" - RESIDENTIAL ELECTRIC HEATING SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes, provided the major electric space heating facilities are permanently installed and are the primary source of space heating. This rate is also available to certain multiple dwellings in accordance with the standard rules. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

DISTRIBUTION SERVICE

Service Charge:

\$7.00 per customer per month plus,

Energy Charge:

For billing months of June through September

5.425¢ per kWh for all kWh

For billing months of October through May

5.425¢ per kWh for the first 500 kWh

3.880¢ per kWh for the excess

POWER SUPPLY SERVICE (Optional)

Energy Charge:

For billing months of June through September

3.947¢ per kWh for all kWh

For billing months of October through May

3.947¢ per kWh for the first 500 kWh

2.725¢ per kWh for the excess

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

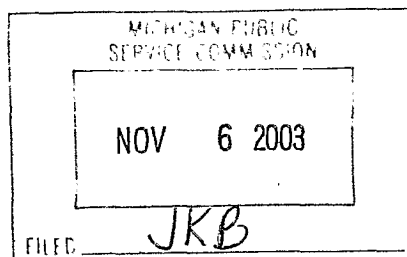
MINIMUM CHARGE:

The service charge included in the rate.

TERMS OF PAYMENT:

Bills are due in 17 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

Issued: 9-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin



Effective for Service
On and After: 4-17-03
Issued Under Auth. of
Mich Public Serv Comm
Dated 4-17-03
In Case No: U-12133

RATE "AH-1" - RESIDENTIAL ELECTRIC HEATING SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes, provided the major electric space heating facilities are permanently installed and are the primary source of space heating. This rate is also available to certain multiple dwellings in accordance with the standard rules. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE: DISTRIBUTION SERVICE

Service Charge:

\$7.00 per customer per month plus,

Energy Charge:

For billing months of June through September

5.425¢ per kWh for all kWh

For billing months of October through May

5.425¢ per kWh for the first 500 kWh

3.880¢ per kWh for the excess

POWER SUPPLY SERVICE (Optional)

Energy Charge:

For billing months of June through September

3.947¢ per kWh for all kWh

For billing months of October through May

3.947¢ per kWh for the first 500 kWh

2.725¢ per kWh for the excess

CANCELLED BY

ORDER U-12133

REMOVED BY JKB

DATE 11/6/03

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

MINIMUM CHARGE:

The service charge included in the rate.

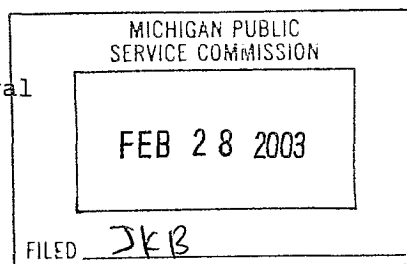
TERMS OF PAYMENT:

Bills are due in 17 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "AH-1" - RESIDENTIAL ELECTRIC HEATING SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes, provided the major electric space heating facilities are permanently installed and are the primary source of space heating. This rate is also available to certain multiple dwellings in accordance with the standard rules. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE: DISTRIBUTION SERVICE

Service Charge:

\$5.63 per customer per month plus,

Energy Charge:

For billing months of June through September

3.616¢ per kWh for all kWh

For billing months of October through May

3.616¢ per kWh for the first 500 kWh

2.652¢ per kWh for the excess

POWER SUPPLY SERVICE (Optional)

Energy Charge:

For billing months of June through September

4.894¢ per kWh for all kWh

For billing months of October through May

4.894¢ per kWh for the first 500 kWh

3.588¢ per kWh for the excess

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

MINIMUM CHARGE:

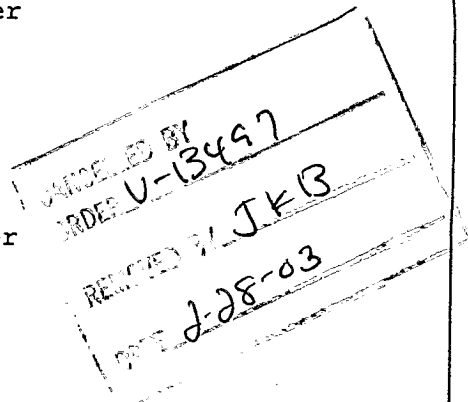
The service charge included in the rate. For seasonal type customers the annual service charge shall be \$81.36.

TERMS OF PAYMENT:

Bills are rendered net with payment due in 21 days from date of bill.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.



Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12133 & U-12650

RATE "AH-1" - RESIDENTIAL ELECTRIC HEATING
SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes, provided the major electric space heating facilities are permanently installed and are the primary source of space heating. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:

\$5.63 per customer per month plus,

Energy Charge:

For billing months of June through September

8.51¢ per kWh for all kWh

For billing months of October through May

8.51¢ per kWh for the first 500 kWh

6.24¢ per kWh for the excess

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be \$81.36.

TERMS OF PAYMENT:

Bills are rendered net with payment due in 21 days from date of bill.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Separately metered water heating on a separate circuit is available under rate "W-1".

CANCELLED BY ORDER
IN CASE NO. U-
12650 + 12133
OCT 11 2001

REMOVED BY *ef*

Effective:

May 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated April 27, 1995

In Case No. U-10829

Issued May 16, 1995 by

C. Fisher
President
Houghton, Michigan



RATE "AH-1" - RESIDENTIAL ELECTRIC HEATING
SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes, provided the major electric space heating facilities are permanently installed and are the primary source of space heating. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$5.63 per customer per month plus,

Energy Charge:

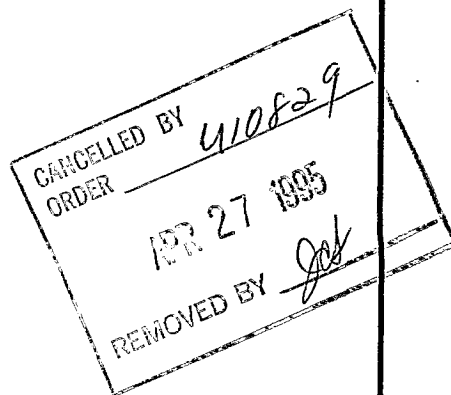
For billing months of June through September

8.54¢ per kWh for all kWh

For billing months of October through May

8.54¢ per kWh for the first 500 kWh

6.27¢ per kWh for the excess



POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be \$81.36.

TERMS OF PAYMENT:

Bills are rendered net with payment due in 21 days from date of bill.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Separately metered water heating on a separate circuit is available under rate "W-1".

Issued March 17, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

April 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated March 10, 1995

In Case No. U-10802

RATE "AH-1" - RESIDENTIAL ELECTRIC HEATING
SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes, provided the major electric space heating facilities are permanently installed and are the primary source of space heating. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

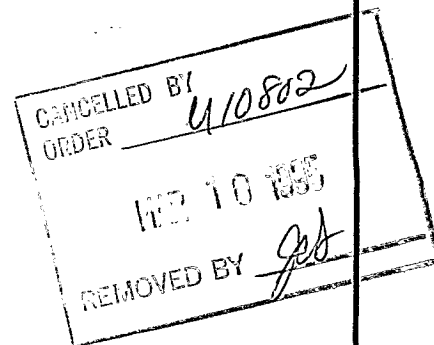
CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$5.63 per customer per month plus,

Energy Charge:
For billing months of June through September
9.00¢ per kWh for all kWh
For billing months of October through May
9.00¢ per kWh for the first 500 kWh
6.59¢ per kWh for the excess



POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be \$81.36.

TERMS OF PAYMENT:

Bills are rendered net with payment due in 21 days from date of bill.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Separately metered water heating on a separate circuit is available under rate "W-1".

Issued December 1, 1993

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "AH-1" - RESIDENTIAL ELECTRIC HEATING
SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes, provided the major electric space heating facilities are permanently installed and are the primary source of space heating. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

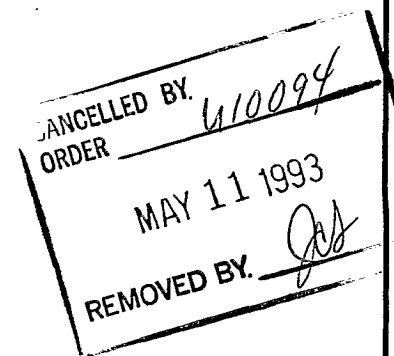
CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$5.61 per customer per month plus,

Energy Charge:
For billing months of June through September
8.75¢ per kWh for all kWh
For billing months of October through May
8.75¢ per kWh for the first 500 kWh
6.50¢ per kWh for the excess



POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be \$81.36.

TERMS OF PAYMENT:

Bills are rendered net with payment due in 21 days from date of bill.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Separately metered water heating on a separate circuit is available under rate "W-1".

Issued June 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "AH-1" - RESIDENTIAL ELECTRIC HEATING
SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes, provided the major electric space heating facilities are permanently installed and are the primary source of space heating. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

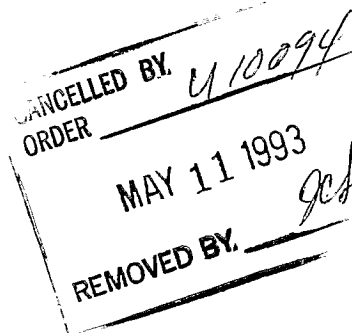
CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$5.19 per customer per month plus,

Energy Charge:
For billing months of June through September
8.57¢ per kwh for all kwh
For billing months of October through May
8.57¢ per kwh for the first 500 kwh
6.45¢ per kwh for the excess



POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be \$75.36.

TERMS OF PAYMENT:

Bills are rendered net with payment due in 21 days from date of bill.

CONTRACT:

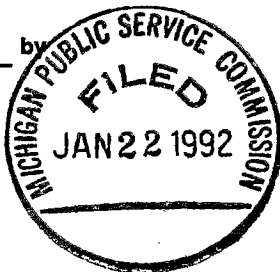
None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and regulations.
- (2) Separately metered water heating on a separate circuit is available under rate "W-1".

Issued January 3, 1992

C. Fisher
President
Houghton, Michigan



Effective: Bills issued for the first billing cycle on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. 0-9785

RATE "AH-1" - RESIDENTIAL ELECTRIC HEATING
SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes, provided the major electric space heating facilities are permanently installed and are the primary source of space heating. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

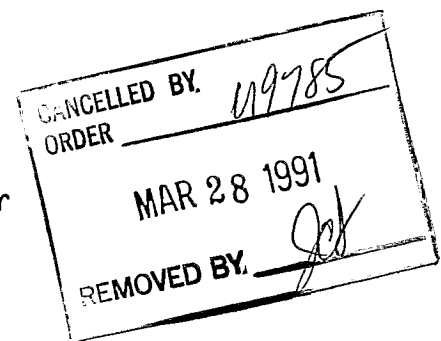
CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$5.17 per customer per month plus,

Energy Charge:
For billing months of June through September
8.31¢ per kwh for all kwh
For billing months of October through May
8.31¢ per kwh for the first 500 kwh
6.29¢ per kwh for the excess



POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be \$75.12.

TERMS OF PAYMENT:

Bills are rendered net with payment due in 21 days from date of bill.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and regulations.
- (2) Separately metered water heating on a separate circuit is available under rate "W-1".

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and
after May 1, 1991

Issued under authority of the
Michigan Public Service Commission
Dated March 28, 1991
In Case No. U-9785

RATE "AH-1" - RESIDENTIAL ELECTRIC HEATING
SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes, provided the major electric space heating facilities are permanently installed and are the primary source of space heating. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

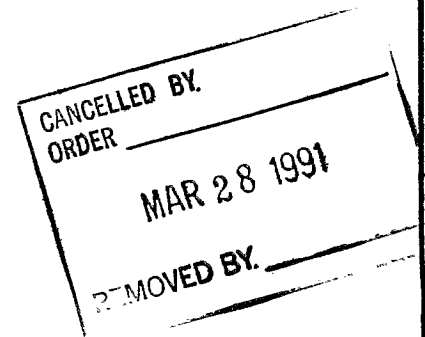
CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$4.99 per customer per month plus,

Energy Charge:
For billing months of June through September
8.18¢ per kwh for all kwh
For billing months of October through May
8.18¢ per kwh for the first 500 kwh
6.22¢ per kwh for the excess



POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be \$72.60.

TERMS OF PAYMENT:

Bills are rendered net with payment due in 21 days from date of bill.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and regulations.
- (2) Separately metered water heating on a separate circuit is available under rate "W-1".

Issued September 2, 1988 by

E. Argentati
President
Houghton, Michigan



Effective with the
September 1988 billing cycle

Issued under authority of the
Michigan Public Service Commission

Dated August 23, 1988

In Case No. U-9127

RATE "AH-1" - RESIDENTIAL ELECTRIC HEATING
SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes, provided the major electric space heating facilities are permanently installed and are the primary source of space heating. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$4.99 per customer per month plus,

Energy Charge:

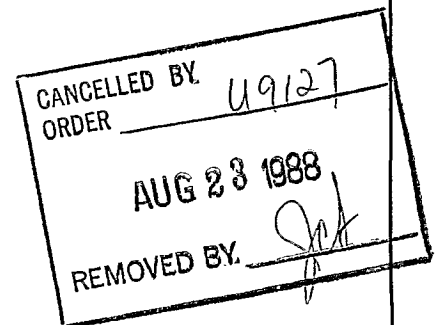
For billing months of June through September

8.35¢ per kwh for all kwh

For billing months of October through May

8.35¢ per kwh for the first 500 kwh

6.42¢ per kwh for the excess



POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be \$72.60.

TERMS OF PAYMENT:

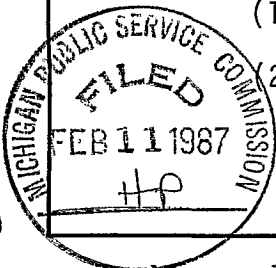
Bills are rendered net with payment due in 21 days from date of bill.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and regulations.
- (2) Separately metered water heating on a separate circuit is available under rate "W-1".



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "AH-1" RESIDENTIAL ELECTRIC HEATING SERVICE - URBAN AND RURAL (Cont'd.)

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Separately metered water heating on a separate circuit is available under rate "A-1".

D

Issued: 4-30-05
By J F Schott
VP - Regulatory Affairs
Green Bay, Wisconsin

Effective for Service
On and After: 6-27-05
Issued Under Auth. of
Mich Public Serv Comm
Dated 3-29-05
In Case No: U-14346

RATE "AH-1" RESIDENTIAL ELECTRIC HEATING SERVICE - URBAN AND RURAL (Cont'd.)

CONTRACT:

None required.

RULES APPLYING:

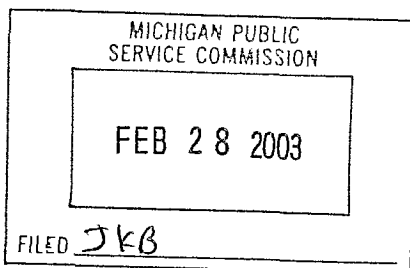
- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Separately metered water heating on a separate circuit is available under rate "A-1".

AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct costs of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications of the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kWh delivered.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "AH-1" RESIDENTIAL ELECTRIC HEATING SERVICE - URBAN AND RURAL (Cont'd.)

CONTRACT:

None required.

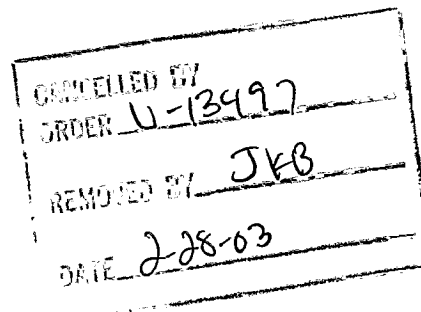
RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Separately metered water heating on a separate circuit is available under rate "W-1".

AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct costs of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications of the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kWh delivered.



Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12650

RATE "AH-1" RESIDENTIAL ELECTRIC HEATING
SERVICE - URBAN AND RURAL (Cont'd.)

AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct costs of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications of the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kwh delivered.

CANCELLED BY ORDER
IN CASE NO. U-
12650 + 12133
OCT 11 2001

REMOVED BY Cj

Issued September 2, 1988 by

E. Argentati
President
Houghton, Michigan



Effective with the
September 1988 billing cycle

Issued under authority of the
Michigan Public Service Commission

Dated August 23, 1988

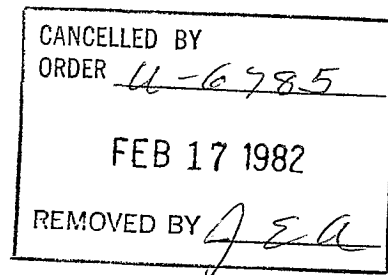
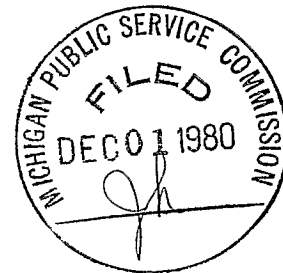
In Case No. U-9127

RATE "AH-1" - RESIDENTIAL ELECTRIC HEATING
SERVICE - URBAN AND RURAL (Cont'd.)

AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct costs of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications off the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 2.5¢ per kwh delivered.



Issued: October 24, 1980

Effective: For service rendered on and
after October 22, 1980

Issued under the authority of Order of Michigan Public Service Commission,
dated October 21, 1980 in Case No. U-6458

By: C. F. Rogers, President

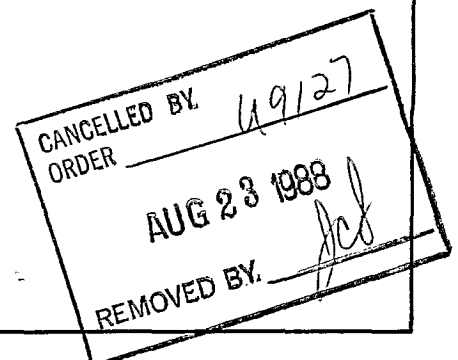
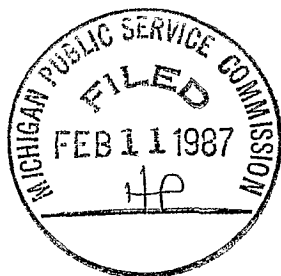
Houghton, Michigan

RATE "AH-1" RESIDENTIAL ELECTRIC HEATING
SERVICE - URBAN AND RURAL (Cont'd.)

AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct costs of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications of the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kwh delivered.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

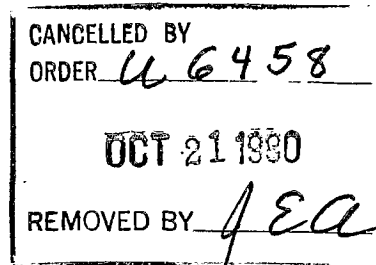
December 18, 1986

RATE "AH-1" - RESIDENTIAL ELECTRIC HEATING
SERVICE - URBAN AND RURAL (Cont'd.)

AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct costs of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications off the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$6.50 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 1.2¢ per kwh delivered.



Issued: October 22, 1979

Effective: For service rendered on and
after October 17, 1979

Issued under the authority of Order of Michigan Public Service Commission,
dated October 16, 1979 in Case No. U-6121

By: C. F. Rogers, President

Houghton, Michigan

RATE "C-1" - GENERAL SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial or industrial purpose with a billing demand of 25 kW or less. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE: DISTRIBUTION SERVICE:

Service Charge:

\$11.00 per customer per month plus,

Energy Charge:

5.130¢ per kWh for all kWh

POWER SUPPLY SERVICE (Optional)

Energy Charge

5.648¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Conjunctional billing will not be permitted in cases where the customer is presently being served lighting and power loads through separate meters. In these instances, whenever the customer at his expense will arrange his wiring to receive energy through one single metered service, then this rate shall apply to his entire requirements.

Issued: 9-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

| | |
|---------------------------------------|-----|
| MICHIGAN PUBLIC SERVICE COMMISSION | |
| NOV 6 2003 | |
| FILED | JKB |

Effective for Service
On and After: 4-17-03
Issued Under Auth. of
Mich Public Serv Comm
Dated 4-17-03
In Case No: U-12133

RATE "C-1" - GENERAL SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial or industrial purpose with a billing demand of 25 kW or less. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

DISTRIBUTION SERVICE:

Service Charge:

\$11.00 per customer per month plus,

Energy Charge:

5.130¢ per kWh for all kWh

POWER SUPPLY SERVICE (Optional)

Energy Charge

5.648¢ per kWh for all kWh

CANCELLED BY
ORDER U-12133

REMOVED BY JKB

DATE 11/6/03

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Conjunctional billing will not be permitted in cases where the customer is presently being served lighting and power loads through separate meters. In these instances, whenever the customer at his expense will arrange his wiring to receive energy through one single metered service, then this rate shall apply to his entire requirements.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin

MICHIGAN PUBLIC
SERVICE COMMISSION

FEB 28 2003

FILED JKB

Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "C-1" - GENERAL SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial or industrial purpose with a billing demand of 25 kw or less. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

DISTRIBUTION SERVICE:

Service Charge:

\$9.22 per customer per month plus,

Energy Charge:

3.53¢ per kWh for all kWh

POWER SUPPLY SERVICE (Optional)

Energy Charge

6.34¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be 12 times the monthly service charge.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Conjunctional billing will not be permitted in cases where the customer is presently being served lighting and power loads through separate meters. In these instances, whenever the customer at his expense will arrange his wiring to receive energy through one single metered service, then this rate shall apply to his entire requirements.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.

Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12133 & U-12650

RATE "C-1" - GENERAL SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial or industrial purpose with a billing demand of 25 kW or less.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Service Charge:
\$9.22 per customer per month plus,

Energy Charge:
9.87¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be 12 times the monthly service charge.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Conjunctional billing will not be permitted in cases where the customer is presently being served lighting and power loads through separate meters. In these instances, whenever the customer at his expense will arrange his wiring to receive energy through one single metered service, then this rate shall apply to his entire requirements.

CANCELLED BY ORDER
IN CASE NO. U-
12650 + 12133
OCT 11 2001

REMOVED BY *Cj*

Issued May 16, 1995

by

C. Fisher
President
Houghton, Michigan



Effective:

May 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated April 27, 1995

In Case No. U-10829

RATE "C-1" - GENERAL SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial or industrial purpose with a billing demand of 25 kW or less.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Service Charge:
\$9.22 per customer per month plus,

Energy Charge:
9.89¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be 12 times the monthly service charge.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

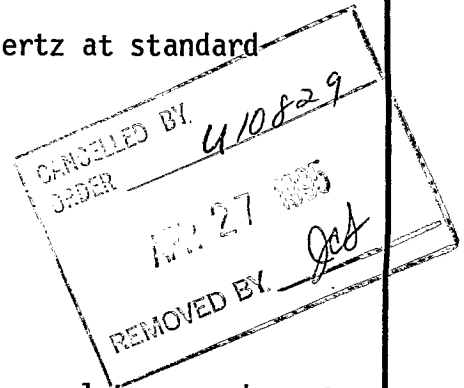
Bills are due 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Conjunctional billing will not be permitted in cases where the customer is presently being served lighting and power loads through separate meters. In these instances, whenever the customer at his expense will arrange his wiring to receive energy through one single metered service, then this rate shall apply to his entire requirements.



Issued March 17, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

April 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated March 10, 1995

In Case No. U-10802

RATE "C-1" - GENERAL SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial or industrial purpose with a billing demand of 25 kW or less.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

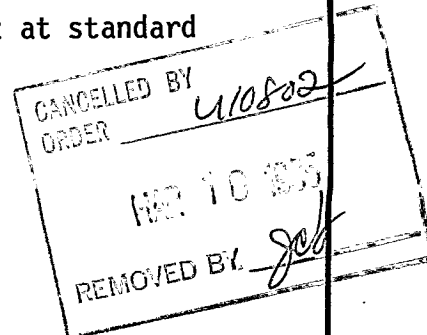
CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Service Charge:
\$9.22 per customer per month plus,

Energy Charge:
10.56¢ per kWh for all kWh



MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be 12 times the monthly service charge.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Conjunctional billing will not be permitted in cases where the customer is presently being served lighting and power loads through separate meters. In these instances, whenever the customer at his expense will arrange his wiring to receive energy through one single metered service, then this rate shall apply to his entire requirements.

Issued December 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "C-1" - GENERAL SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial or industrial purpose with a billing demand of 25 kW or less.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Service Charge:
\$9.20 per customer per month plus,

Energy Charge:
10.38¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be 12 times the monthly service charge.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

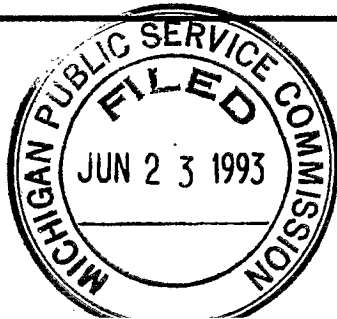
RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Conjunctional billing will not be permitted in cases where the customer is presently being served lighting and power loads through separate meters. In these instances, whenever the customer at his expense will arrange his wiring to receive energy through one single metered service, then this rate shall apply to his entire requirements.

CANCELLED BY. U10094
ORDER
MAY 11 1993
REMOVED BY. gob

Issued June 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "C-1" - GENERAL SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial or industrial purpose with a billing demand of 25 KW or less.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Service Charge:
\$8.69 per customer per month plus,

Energy Charge:
10.29¢ per kwh for all kwh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be 12 times the monthly service charge.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Conjunctional billing will not be permitted in cases where the customer is presently being served lighting and power loads through separate meters. In these instances, whenever the customer at his expense will arrange his wiring to receive energy through one single metered service, then this rate shall apply to his entire requirements.

CANCELLED BY
ORDER U/0074
MAY 11 1993
REMOVED BY QJ

Issued January 3, 1992

C. Fisher
President
Houghton, Michigan



Effective: Bills issued for the first
billing cycle on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "C-1" - GENERAL SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial or industrial purpose with a billing demand of 25 KW or less.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

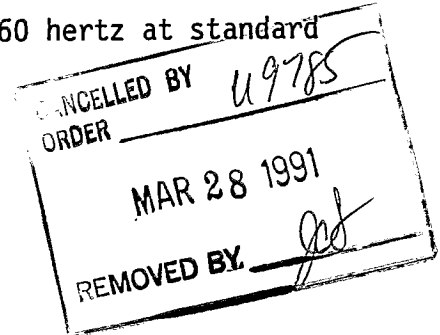
CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Service Charge:
\$8.69 per customer per month plus,

Energy Charge:
10.08¢ per kwh for all kwh



MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be 12 times the monthly service charge.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Conjunctional billing will not be permitted in cases where the customer is presently being served lighting and power loads through separate meters. In these instances, whenever the customer at his expense will arrange his wiring to receive energy through one single metered service, then this rate shall apply to his entire requirements.

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and after May 1, 1991

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "C-1" - GENERAL SERVICE

WHO MAY TAKE SERVICE:

Any new customer for commercial or industrial purpose with a billing demand of 25 KW or less. All customers on the C-1 rate at June 30, 1988 will be allowed to remain on the C-1 rate.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Service Charge:
\$8.44 per customer per month plus,

Energy Charge:
9.99¢ per kwh for all kwh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be 12 times the monthly service charge.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

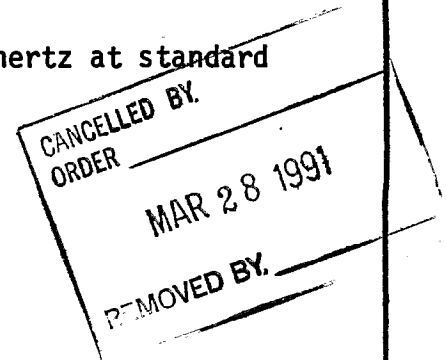
Bills are due 21 days from date of bill. There will be a late payment penalty of 2% for payments received after the due date.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Conjunctional billing will not be permitted in cases where the customer is presently being served lighting and power loads through separate meters. In these instances, whenever the customer at his expense will arrange his wiring to receive energy through one single metered service, then this rate shall apply to his entire requirements.



Issued September 2, 1988 by

E. Argentati
President
Houghton, Michigan



Effective with the
September 1988 billing cycle

Issued under authority of the
Michigan Public Service Commission

Dated August 23, 1988

In Case No. U-9127

RATE "C-1" - GENERAL SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial or industrial purpose.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Service Charge:
\$8.44 per customer per month plus,

Energy Charge:
10.30¢ per kwh for all kwh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be 12 times the monthly service charge.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

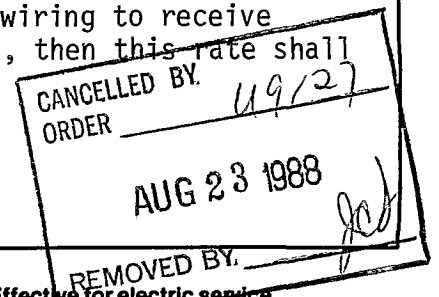
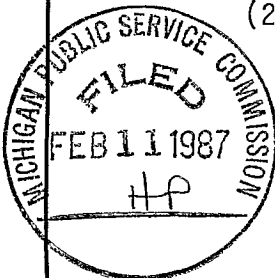
Bills are due 21 days from date of bill. There will be a late payment penalty of 2% for payments received after the due date.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Conjunctional billing will not be permitted in cases where the customer is presently being served lighting and power loads through separate meters. In these instances, whenever the customer at his expense will arrange his wiring to receive energy through one single metered service, then this rate shall apply to his entire requirements.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "C-1" - GENERAL SERVICE (Cont'd.)

AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct costs of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications of the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kWh delivered.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin

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|---------------------------------------|
| MICHIGAN PUBLIC SERVICE COMMISSION |
| FEB 28 2003 |
| FILED <u>JKB</u> |

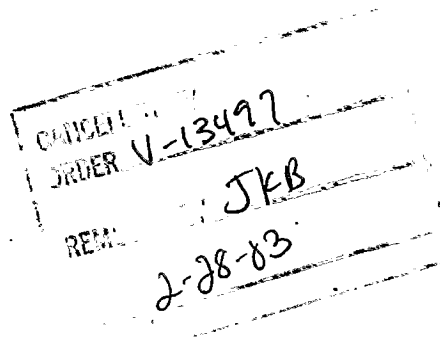
Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "C-1" - GENERAL SERVICE (Cont'd.)

AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct costs of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications of the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kwh delivered.



Issued September 2, 1988 by

E. Argenta
President
Houghton, Michigan



Effective with the
September 1988 billing cycle

Issued under authority of the
Michigan Public Service Commission

Dated August 23, 1988

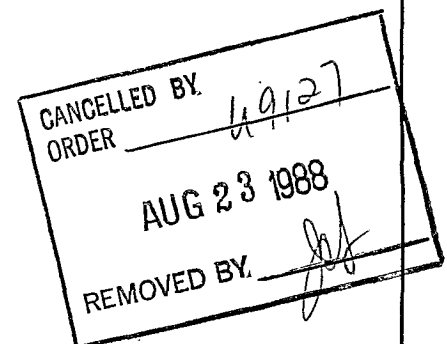
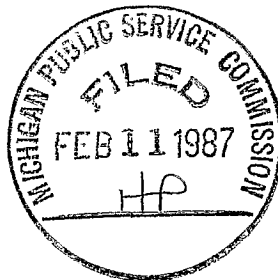
In Case No. U-9127

RATE "C-1" - GENERAL SERVICE (Cont'd.)

AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct costs of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications of the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kwh delivered.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "H-1" - COMMERCIAL ELECTRIC HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial purposes provided that their electric space heating facilities are permanently installed and are the primary source of space heating. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE: DISTRIBUTION SERVICE

Service Charge:

\$11.00 per customer per month plus,

Energy Charge:

For billing months of June through September

3.915¢ per kWh for all kWh

For billing months of October through May

3.915¢ per kWh for first 1000 kWh

3.500¢ per kWh for the excess

POWER SUPPLY SERVICE (Optional)

Energy Charge:

For billing months of June through September

5.185¢ per kWh for all kWh

For billing months of October through May

5.185¢ per kWh for first 1000 kWh

3.616¢ per kWh for the excess

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

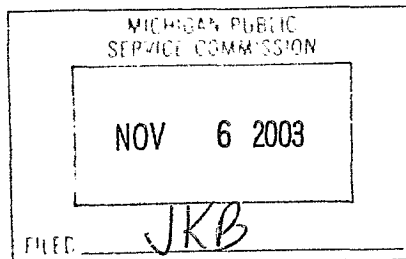
CONTRACT:

None required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued: 9-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin



Effective for Service
On and After: 4-17-03
Issued Under Auth. of
Mich Public Serv Comm
Dated 4-17-03
In Case No: U-12133

RATE "H-1" - COMMERCIAL ELECTRIC HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial purposes provided that their electric space heating facilities are permanently installed and are the primary source of space heating. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE: DISTRIBUTION SERVICE

Service Charge:

\$11.00 per customer per month plus,

Energy Charge:

For billing months of June through September

3.915¢ per kWh for all kWh

For billing months of October through May

3.915¢ per kWh for first 1000 kWh

3.500¢ per kWh for the excess

POWER SUPPLY SERVICE (Optional)

Energy Charge:

For billing months of June through September

5.185¢ per kWh for all kWh

For billing months of October through May

5.185¢ per kWh for first 1000 kWh

3.616¢ per kWh for the excess

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

CONTRACT:

None required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.

CANCELLED BY

ORDER U-12133

REMOVED BY JKB

DATE 11/6/03

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin

MICHIGAN PUBLIC
SERVICE COMMISSION

FEB 28 2003

FILED JKB

Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "H-1" - COMMERCIAL ELECTRIC HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial purposes provided that their electric space heating facilities are permanently installed and are the primary source of space heating. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE: DISTRIBUTION SERVICE

Service Charge:

\$9.27 per customer per month plus,

Energy Charge:

For billing months of June through September

2.465¢ per kWh for all kWh

For billing months of October through May

2.465¢ per kWh for first 1000 kWh

2.139¢ per kWh for the excess

POWER SUPPLY SERVICE (Optional)

Energy Charge:

For billing months of June through September

5.385¢ per kWh for all kWh

For billing months of October through May

5.385¢ per kWh for first 1000 kWh

4.671¢ per kWh for the excess

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

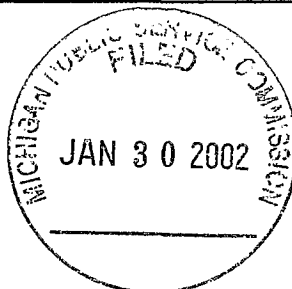
RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.

Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12133 & U-12650

RATE "H-1" - COMMERCIAL ELECTRIC HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial purposes provided that their electric space heating facilities are permanently installed and are the primary source of space heating.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:

\$9.27 per customer per month plus,

Energy Charge:

For billing months of June through September

7.85¢ per kWh for all kWh

For billing months of October through May

7.85¢ per kWh for first 1000 kWh

6.81¢ per kWh for the excess

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY ORDER
IN CASE NO. U-

12650 42133
OCT 11 2001

REMOVED BY *Cjs*

Effective:

May 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated April 27, 1995

In Case No. U-10829

Issued May 16, 1995 by

C. Fisher
President
Houghton, Michigan



RATE "H-1" - COMMERCIAL ELECTRIC HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial purposes provided that their electric space heating facilities are permanently installed and are the primary source of space heating.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

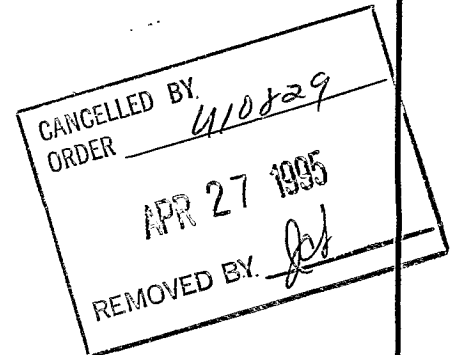
CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$9.27 per customer per month plus,

Energy Charge:
For billing months of June through September
7.87¢ per kWh for all kWh
For billing months of October through May
7.87¢ per kWh for first 1000 kWh
6.83¢ per kWh for the excess



MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued March 17, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

April 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated March 10, 1995

In Case No. U-10802

RATE "H-1" - COMMERCIAL ELECTRIC HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial purposes provided that their electric space heating facilities are permanently installed and are the primary source of space heating.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$9.27 per customer per month plus,

Energy Charge:
For billing months of June through September
8.40¢ per kWh for all kWh
For billing months of October through May
8.40¢ per kWh for first 1000 kWh
7.29¢ per kWh for the excess

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

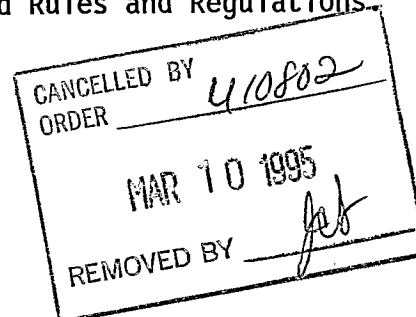
Bills are due 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued December 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "H-1" - COMMERCIAL ELECTRIC HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial purposes provided that their electric space heating facilities are permanently installed and are the primary source of space heating.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

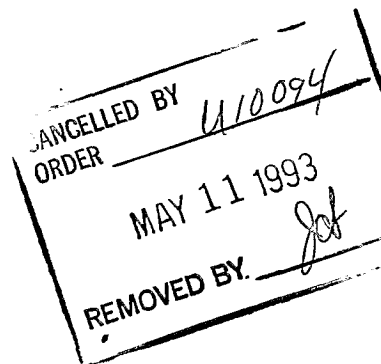
CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$9.20 per customer per month plus,

Energy Charge:
For billing months of June through September
8.30¢ per kWh for all kWh
For billing months of October through May
8.30¢ per kWh for first 1000 kWh
7.16¢ per kWh for the excess



MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

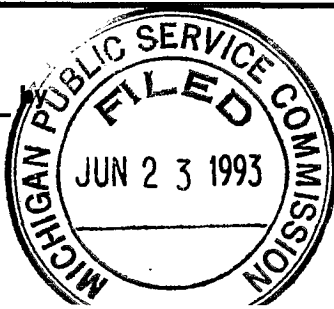
None required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued June 1, 1993

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "H-1" - COMMERCIAL ELECTRIC HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial purposes provided that their electric space heating facilities are permanently installed and are the primary source of space heating.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

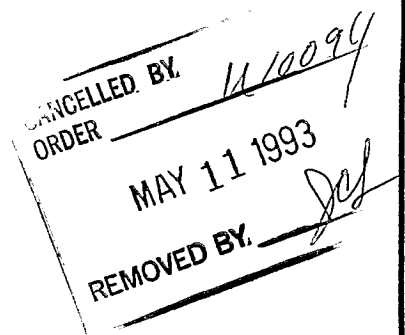
CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$8.70 per customer per month plus,

Energy Charge:
For billing months of June through September
8.34¢ per kwh for all kwh
For billing months of October through May
8.34¢ per kwh for first 1000 kwh
7.17¢ per kwh for the excess



MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued January 3, 1992 by

C. Fisher
President
Houghton, Michigan



Effective: Bills issued for the first billing cycle on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "H-1" - COMMERCIAL ELECTRIC HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial purposes provided that their electric space heating facilities are permanently installed and are the primary source of space heating.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

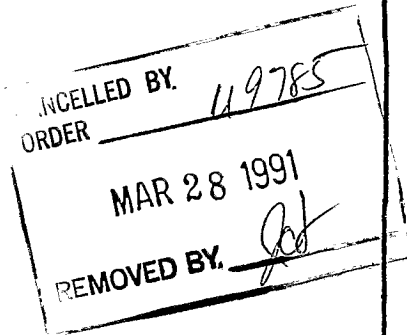
CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$8.70 per customer per month plus,

Energy Charge:
For billing months of June through September
8.18¢ per kwh for all kwh
For billing months of October through May
8.18¢ per kwh for first 1000 kwh
7.03¢ per kwh for the excess



MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and after May 1, 1991

Issued under authority of the
Michigan Public Service Commission
Dated March 28, 1991
In Case No. U-9785

RATE "H-1" - COMMERCIAL ELECTRIC HEATING SERVICE

WHO MAY TAKE SERVICE:

Any new customer for commercial purposes provided that their electric space heating facilities are permanently installed and are the primary source of space heating.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$8.44 per customer per month plus,

Energy Charge:

For billing months of June through September

8.18¢ per kwh for all kwh

For billing months of October through May

8.18¢ per kwh for first 1000 kwh

6.99¢ per kwh for the excess

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

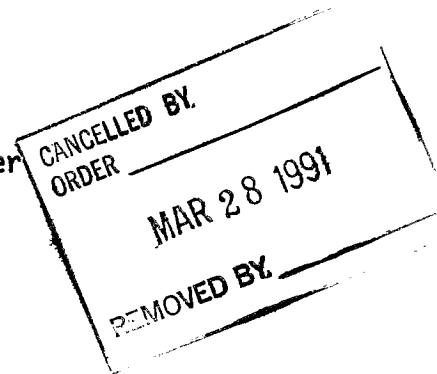
Bills are due 21 days from date of bill. There will be a late payment penalty of 2% for payments received after the due date.

CONTRACT:

None required.

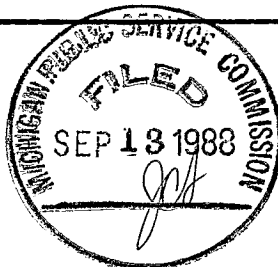
RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued September 2, 1988 by

E. Argentati
President
Houghton, Michigan



Effective with the
September 1988 billing cycle

Issued under authority of the
Michigan Public Service Commission

Dated August 23, 1988

In Case No. U-9127

RATE "H-1" - COMMERCIAL ELECTRIC HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for separately metered space heating loads provided that for space heating their major electric space heating facilities are permanently installed and are the primary source of space heating.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$8.44 per customer per month plus,

Energy Charge:
For billing months of June through September
8.40¢ per kwh for all kwh
For billing months of October through May
8.40¢ per kwh for first 1000 kwh
7.21¢ per kwh for the excess

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

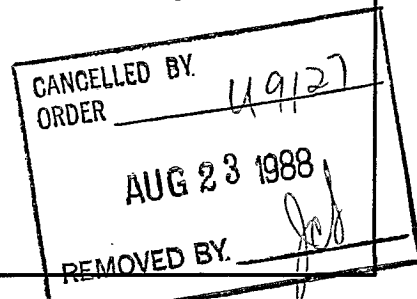
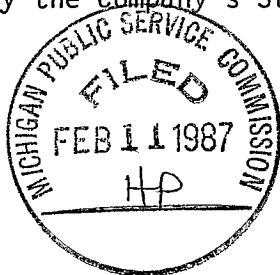
Bills are due 21 days from date of bill. There will be a late payment penalty of 2% for payments received after the due date.

CONTRACT:

None required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "P-1" - LIGHT AND POWER SERVICE

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand greater than 25 kW but less than 200 kW. To qualify, the customer must maintain a demand greater than 25 kW for three consecutive months in any twelve-month period. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

- Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

DISTRIBUTION SERVICE

Capacity charge per kW of billing demand per month \$7.50 per kW

Energy Charge:

1.462¢ per kWh for the first 200 kWh per kW of billing demand
1.462¢ per kWh for the excess

POWER SUPPLY SERVICE (Optional)

Capacity charge per kW if billing demand per month \$2.50 per kW

Energy Charge:

4.363¢ per kWh for the first 200 kWh per kW of billing demand
2.538¢ per kWh for the excess

MINIMUM CHARGE:

The capacity charge for 25 kW or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

Issued: 9-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

| |
|---------------------------------------|
| MICHIGAN PUBLIC SERVICE COMMISSION |
| NOV 6 2003 |
| FILED <u>JKB</u> |

Effective for Service
On and After: 4-17-03
Issued Under Auth. of
Mich Public Serv Comm
Dated 4-17-03
In Case No: U-12133

RATE "P-1" - LIGHT AND POWER SERVICE

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand greater than 25 kW but less than 200 kW. To qualify, the customer must maintain a demand greater than 25 kW for three consecutive months in any twelve-month period. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE: DISTRIBUTION SERVICE

Capacity charge per kW of billing demand per month \$7.50 per kW

Energy Charge:

1.462¢ per kWh for the first 200 kWh per kW of billing demand
1.462¢ per kWh for the excess

POWER SUPPLY SERVICE (Optional)

Capacity charge per kW if billing demand per month \$2.50 per kW

Energy Charge:

4.363¢ per kWh for the first 200 kWh per kW of billing demand
2.538¢ per kWh for the excess

MINIMUM CHARGE:

The capacity charge for 25 kW or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.

CANCELLED BY 12133
ORDER U-~~12133~~
REMOVED BY JKB
DATE 11/6/03

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin

MICHIGAN PUBLIC
SERVICE COMMISSION

FEB 28 2003

FILED JKB

Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "P-1" - LIGHT AND POWER SERVICE

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand greater than 25 kW but less than 200 kW. To qualify, the customer must maintain a demand greater than 25 kW for three consecutive months in any twelve-month period. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

DISTRIBUTION SERVICE

Capacity charge per kW of billing demand per month
\$9.46 per kW

Energy Charge:

1.451¢ per kWh for the first 200 kWh per kW of billing demand
1.302¢ per kWh for the excess

POWER SUPPLY SERVICE (Optional)

Energy Charge:

3.229¢ per kWh for the first 200 kWh per kW of billing demand
2.898¢ per kWh for the excess

MINIMUM CHARGE:

The capacity charge for 25 kW or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

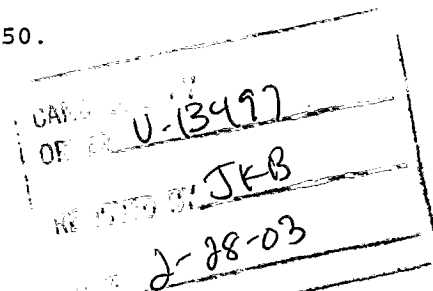
This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.



Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12133 & U-12650

RATE "P-1" - LIGHT AND POWER SERVICE

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand greater than 25 kW but less than 200 kW. To qualify, the customer must maintain a demand greater than 25 kW for three consecutive months in any twelve-month period.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per kW of billing demand per month
\$9.46 per kW

Energy Charge:

4.68¢ per kWh for the first 200 kWh per kW of billing demand
4.20¢ per kWh for the excess

MINIMUM CHARGE:

The capacity charge for 25 kW or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the maximum 15-minute demand during the month but not less than 25 kW.

CONTRACT:

One year or more.

RULES APPLYING:

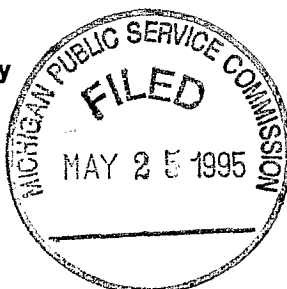
Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY ORDER
IN CASE NO. U-
12650 + 12133
OCT 11 2001
REMOVED BY aj

Issued May 16, 1995

by

C. Fisher
President
Houghton, Michigan



Effective:

May 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated April 27, 1995

In Case No. U-10829

RATE "P-1" - LIGHT AND POWER SERVICE

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand greater than 25 kW but less than 200 kW. To qualify, the customer must maintain a demand greater than 25 kW for three consecutive months in any twelve-month period.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per kW of billing demand per month
\$9.46 per kW

Energy Charge:

4.70¢ per kWh for the first 200 kWh per kW of billing demand
4.22¢ per kWh for the excess

MINIMUM CHARGE:

The capacity charge for 25 kW or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the maximum 15-minute demand during the month but not less than 25 kW.

CONTRACT:

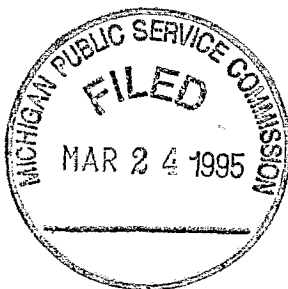
One year or more.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued March 17, 1995 by

C. Fisher
President
Houghton, Michigan



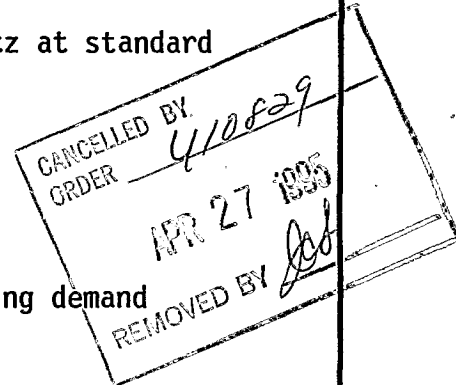
Effective:

April 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated March 10, 1995

In Case No. U-10802



RATE "P-1" - LIGHT AND POWER SERVICE

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand greater than 25 kW but less than 200 kW. To qualify, the customer must maintain a demand greater than 25 kW for three consecutive months in any twelve-month period.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per kW of billing demand per month
\$10.40 per kW

Energy Charge:

5.07¢ per kWh for the first 200 kWh per kW of billing demand
4.50¢ per kWh for the excess

MINIMUM CHARGE:

The capacity charge for 25 kW or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

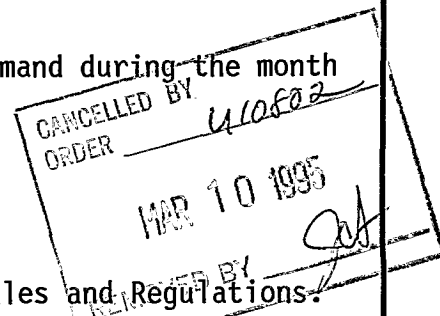
Billing demand shall be the maximum 15-minute demand during the month but not less than 25 kW.

CONTRACT:

One year or more.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued December 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "P-1" - LIGHT AND POWER SERVICE

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand greater than 25 kW but less than 200 kW. To qualify, the customer must maintain a demand greater than 25 kW for three consecutive months in any twelve-month period.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per kW of billing demand per month
\$10.30 per kW

Energy Charge:

4.99¢ per kWh for the first 200 kWh per kW of billing demand
4.39¢ per kWh for the excess

MINIMUM CHARGE:

The capacity charge for 25 kW or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the maximum 15-minute demand during the month but not less than 25 kW.

CONTRACT:

One year or more.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

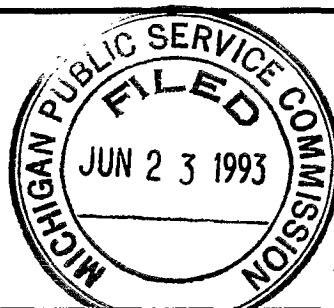
CANCELLED BY
ORDER

U-10094
MAY 11 1993

REMOVED BY
JCH

Issued June 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "P-1" - LIGHT AND POWER SERVICE

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand greater than 25 KW but less than 200 KW. To qualify, the customer must maintain a demand greater than 25 KW for three consecutive months in any twelve month period.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at available voltages.

RATE:

Capacity charge per kw of billing demand per month
\$9.81 per kw

Energy Charge:

5.15¢ per kwh for the first 200 kwh per kw of billing demand
4.57¢ per kwh for the excess

MINIMUM CHARGE:

The capacity charge for 25 kw or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the maximum 15 minute demand during the month but not less than 25 kw.

CONTRACT:

One year or more.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

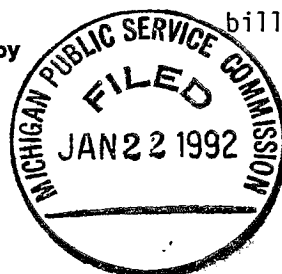
CANCELLED BY
ORDER

410094
MAY 11 1993

REMOVED BY
Jed

Issued January 3, 1992 by

C. Fisher
President
Houghton, Michigan



Effective: Bills issued for the first billing cycle on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "P-1" - LIGHT AND POWER SERVICE

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand greater than 25 KW but less than 200 KW. To qualify, the customer must maintain a demand greater than 25 KW for three consecutive months in any twelve month period.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz ^{at standard} available voltages.

RATE:

Capacity charge per kw of billing demand per month
\$9.62 per kw

Energy Charge:

5.05¢ per kwh for the first 200 kwh per kw of billing demand
4.48¢ per kwh for the excess

MINIMUM CHARGE:

The capacity charge for 25 kw or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

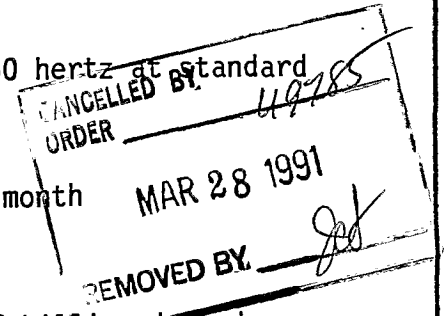
Billing demand shall be the maximum 15 minute demand during the month but not less than 25 kw.

CONTRACT:

One year or more.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and
after May 1, 1991

Issued under authority of the
Michigan Public Service Commission
Dated March 28, 1991
In Case No. U-9785

RATE "P-1" - LIGHT AND POWER SERVICE

WHO MAY TAKE SERVICE:

Any new customer for light and power purposes with a billing demand greater than 25 KW but less than 200 KW. To qualify, the customer must maintain a demand greater than 25 KW for three consecutive months. All customers on the P-1 rate at June 30, 1988 will be allowed to remain on the P-1 rate.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per kw of billing demand per month
\$9.62 per kw

Energy Charge:

5.01¢ per kwh for the first 200 kwh per kw of billing demand
4.46¢ per kwh for the excess

MINIMUM CHARGE:

The capacity charge for 25 kw or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. There will be a late payment penalty of 2% of the net bill for payments received after the due date.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the maximum 15 minute demand during the month but not less than 25 kw.

CONTRACT:

One year or more.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

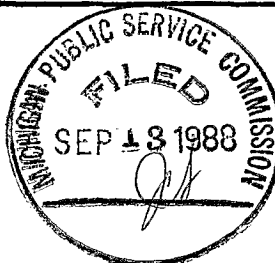
CANCELLED BY
ORDER

MAR 28 1991

REMOVED BY

Issued September 2, 1988 by

E. Argenta
President
Houghton, Michigan



Effective with the
September 1988 billing cycle

Issued under authority of the
Michigan Public Service Commission

Dated August 23, 1988

In Case No. U-9127

RATE "P-1" - LIGHT AND POWER SERVICE

WHO MAY TAKE SERVICE:

Any customer for light and power purposes when the billing demand is 25 kilowatts or more.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per kw of billing demand per month
\$9.62 per kw

Energy Charge:

5.14¢ per kwh for the first 200 kwh per kw of billing demand
4.61¢ per kwh for the excess

MINIMUM CHARGE:

The capacity charge for 25 kw or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. There will be a late payment penalty of 2% of the net bill for payments received after the due date.

DETERMINATION OF BILLING DEMAND:

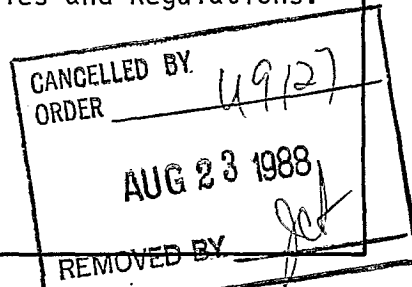
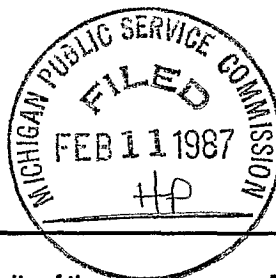
Billing demand shall be the maximum 15 minute demand during the month but not less than 25 kw.

CONTRACT:

One year or more.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "P-1" - LIGHT AND POWER SERVICE

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the maximum 15-minute demand during the month but not less than 25 kW.

CONTRACT:

One year or more.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin

| |
|---------------------------------------|
| MICHIGAN PUBLIC SERVICE COMMISSION |
| FEB 28 2003 |
| FILED <u>JKB</u> |

Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "P-1" - LIGHT AND POWER SERVICE

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

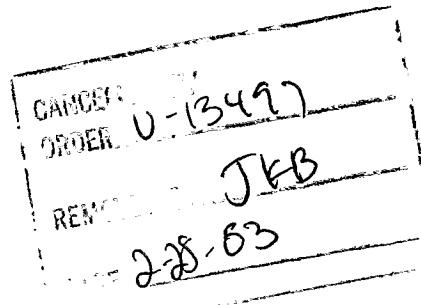
Billing demand shall be the maximum 15-minute demand during the month but not less than 25 kW.

CONTRACT:

One year or more.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12650

| RATE "WP-1D" - LARGE LIGHT AND POWER | |
|--------------------------------------|---|
| WHO MAY TAKE SERVICE: | Any customer for light and power purposes with a billing demand over 200 kW, served at standard available distribution voltages. To qualify, the customer must maintain a demand greater than 200 kW for three consecutive months and at least once in each succeeding twelve-month period. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS. |
| TERRITORY APPLICABLE: | All territory served in the Company's Interconnected System. |
| CHARACTER OF SERVICE: | Three-phase, alternating current, 60 hertz at standard available voltages. |
| RATE: | <u>DISTRIBUTION SERVICE</u> |
| | Service Charge: |
| | \$250.00 per customer per month plus, |
| | Capacity charge per month: |
| | Peak Demand Charge \$1.00 per kW |
| | Energy Charge |
| | On Peak Energy Charge \$0.01231/kWh |
| | Off Peak Energy Charge \$0.00795/kWh |
| | <u>POWER SUPPLY SERVICE (Optional)</u> |
| | Capacity charge per month: |
| | Peak Demand Charge \$7.50 per kW |
| | Energy Charge |
| | On Peak Energy Charge \$0.07189/kWh |
| | Off Peak Energy Charge \$0.04644/kWh |
| | On-Peak hours shall be between 7:00 a.m. and 11:00 p.m., Monday through Friday excluding holidays. |
| | Off-peak hours shall be all hours between 11:00 p.m. and 7:00 a.m., Monday through Friday and all hours of the day on Saturday, Sunday and legal holidays. Legal holidays shall include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day. |
| MINIMUM CHARGE: | The capacity charge or the contract minimum, whichever is greater. |
| POWER SUPPLY COST RECOVERY CLAUSE: | This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1. |
| Continued on Sheet No. 16.1 | |

Issued: 6-27-06
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for Service
On and After 6-28-06
Issued Under Auth. of
Mich Public Serv Comm
Dated 6-27-06
In Case No: U-14745

RATE "WP-1D" - LARGE LIGHT AND POWER

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand over 200 kW, served at standard available distribution voltages. To qualify, the customer must maintain a demand greater than 200 kW for three consecutive months in any twelve-month period. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

DISTRIBUTION SERVICE

Capacity charge per month:

Peak Demand Charge \$6.00 per kW

Energy Charge

On Peak Energy Charge \$0.01345/kWh

Off Peak Energy Charge \$0.01345/kWh

POWER SUPPLY SERVICE (Optional)

Capacity charge per month:

Peak Demand Charge \$2.50 per kW

Energy Charge

On Peak Energy Charge \$0.03547/kWh

Off Peak Energy Charge \$0.01715/kWh

On-Peak hours shall be between 7:00 a.m. and 11:00 p.m., Monday through Friday excluding holidays.

Off-peak hours shall be all hours between 11:00 p.m. and 7:00 a.m., Monday through Friday and all hours of the day on Saturday, Sunday and legal holidays. Legal holidays shall include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

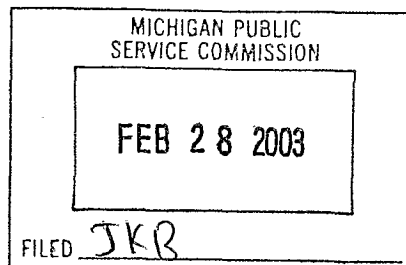
MINIMUM CHARGE:

The capacity charge or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "WP-1" - LARGE LIGHT AND POWER

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand over 200 kW, served at standard available voltages. To qualify, the customer must maintain a demand greater than 200 kW for three consecutive months in any twelve-month period. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

DISTRIBUTION SERVICE

Capacity charge per month:

First 3,000 kW or less

\$4.43 per kW

Over 3,000 kW

\$4.43 per kW

For Bus Bar customers and customers taking service from the Company's transmission system, there will be a 32¢ per kW credit.

Energy charge per kWh per month:

0.0¢ per kWh for all kWh

POWER SUPPLY SERVICE (Optional)

Capacity charge per month:

First 3,000 kW or less

\$4.35 per kW

Over 3,000 kW

\$4.07 per kW

For Bus Bar customers and customers taking service from the Company's transmission system, there will be a 32¢ per kW credit.

Energy charge per kWh per month:

3.47¢ per kWh for all kWh

MINIMUM CHARGE:

The capacity charge or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

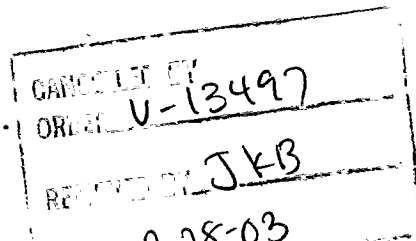
This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.



Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12133 & U-12650

RATE "WP-1" - LARGE LIGHT AND POWER

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand over 200 kW, served at standard available voltages. To qualify, the customer must maintain a demand greater than 200 kW for three consecutive months in any twelve-month period.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per month:

First 3,000 kW or less \$8.78 per kW

Over 3,000 kW \$8.50 per kW

For Bus Bar customers and customers taking service from the Company's transmission system, there will be a 32¢ per kW credit.

Energy charge per kWh per month:

3.47¢ per kWh for all kWh

MINIMUM CHARGE:

The capacity charge or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

CONTRACT: One year or more.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

- (1) The maximum 15-minute demand in kW, subject to the off-peak provision.
- (2) 60% of the greatest billing demand of the previous 11 months.
- (3) 200 kW.

CANCELLED BY ORDER
IN CASE NO. U-
12650-12133
OCT 11 2001

REMOVED BY *CJ*

Issued May 16, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

May 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated April 27, 1995

In Case No. U-10829

RATE "WP-1" - LARGE LIGHT AND POWER

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand over 200 kW, served at standard available voltages. To qualify, the customer must maintain a demand greater than 200 kW for three consecutive months in any twelve-month period.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per month:

First 3,000 kW or less

\$8.78 per kW

Over 3,000 kW

\$8.50 per kW

For Bus Bar customers and customers taking service from the Company's transmission system, there will be a 32¢ per kW credit.

Energy charge per kWh per month:

3.49¢ per kWh for all kWh

MINIMUM CHARGE:

The capacity charge or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

CONTRACT: One year or more.

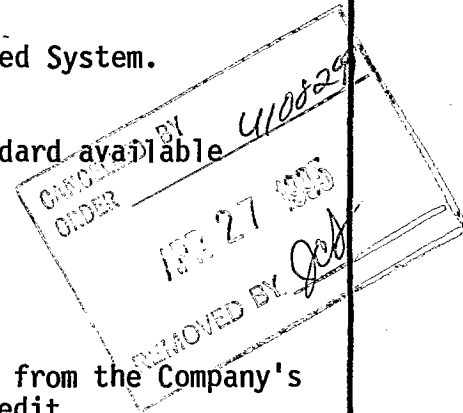
TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

- (1) The maximum 15-minute demand in kW, subject to the off-peak provision.
- (2) 60% of the greatest billing demand of the previous 11 months.
- (3) 200 kW.



Issued March 17, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

April 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated March 10, 1995

In Case No. U-10802

RATE "WP-1" - LARGE LIGHT AND POWER

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand over 200 kW, served at standard available voltages. To qualify, the customer must maintain a demand greater than 200 kW for three consecutive months in any twelve-month period.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per month:

First 3,000 kW or less

\$9.43 per kW

Over 3,000 kW

\$9.16 per kW

For Bus Bar customers and customers taking service from the Company's transmission system, there will be a 32¢ per kW credit.

Energy charge per kWh per month:

3.79¢ per kWh for all kWh

MINIMUM CHARGE:

The capacity charge or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

CONTRACT: One year or more.

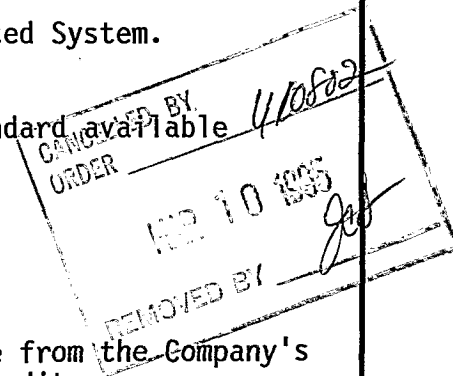
TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

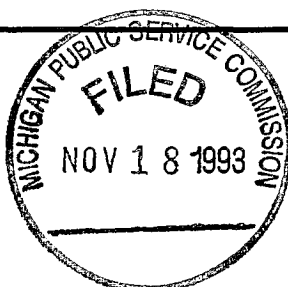
Billing demand shall be the greatest of:

- (1) The maximum 15-minute demand in kW, subject to the off-peak provision.
- (2) 60% of the greatest billing demand of the previous 11 months.
- (3) 200 kW.



Issued December 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "WP-1" - LARGE LIGHT AND POWER

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand over 200 kW, served at standard available voltages. To qualify, the customer must maintain a demand greater than 200 kW for three consecutive months in any twelve-month period.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per month:

First 3,000 kW or less \$9.42 per kW

Over 3,000 kW \$9.14 per kW

For Bus Bar customers and customers taking service from the Company's transmission system, there will be a 32¢ per kW credit.

Energy charge per kWh per month:

3.72¢ per kWh for all kWh

MINIMUM CHARGE:

The capacity charge or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

CONTRACT: One year or more.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

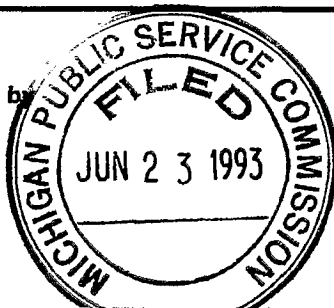
DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

- (1) The maximum 15-minute demand in kW, subject to the off-peak provision.
- (2) 60% of the greatest billing demand of the previous 11 months.
- (3) 200 kW.

Issued June 1, 1993

C. Fisher
President
Houghton, Michigan



Effective: For services rendered on and after May 12, 1993

Issued under authority of the Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

CANCELLED BY
ORDER

MAY 11 1993

REMOVED BY

RATE "WP-1" - LARGE LIGHT AND POWER

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand over 200 KW, served at standard available voltages. To qualify, the customer must maintain a demand greater than 200 KW for three consecutive months in any twelve month period.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per month:

First 3,000 kw or less

\$8.89 per kw

Over 3,000 kw

\$8.61 per kw

For Bus Bar customers and customers taking service from the Company's transmission system, there will be a 32¢ per kw credit.

Energy charge per kwh per month:

4.08¢ per kwh for all kwh

MINIMUM CHARGE:

The capacity charge or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

CONTRACT: One year or more.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

- (1) The maximum 15 minute demand in kw, subject to the off-peak provision.
- (2) 60% of the greatest billing demand of the previous 11 months.
- (3) 200 kw.

Issued January 3, 1992

C. Fisher
President
Houghton, Michigan



Effective: Bills issued for the first billing cycle on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "WP-1" - LARGE LIGHT AND POWER

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand over 200 KW, served at standard available voltages. To qualify, the customer must maintain a demand greater than 200 KW for three consecutive months in any twelve month period.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per month:

First 3,000 kw or less

\$8.74 per kw

Over 3,000 kw

\$8.48 per kw

For Bus Bar customers and customers taking service from the Company's transmission system, there will be a 32¢ per kw credit.

Energy charge per kwh per month:

4.03¢ per kwh for all kwh

MINIMUM CHARGE:

The capacity charge or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

CONTRACT: One year or more.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

- (1) The maximum 15 minute demand in kw, subject to the off-peak provision.
- (2) 60% of the greatest billing demand of the previous 11 months.
- (3) 200 kw.

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and after May 1, 1991

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "WP-1" - LARGE LIGHT AND POWER

WHO MAY TAKE SERVICE:

Any new customer for light and power purposes with a billing demand over 200 KW, served at standard available voltages. To qualify, the customer must maintain a demand greater than 200 KW for three consecutive months. All customers on the WP-1 rate at June 30, 1988 will be allowed to remain on the WP-1 rate.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per month:

First 3,000 kw or less

\$8.74 per kw

Over 3,000 kw

\$8.48 per kw

For Bus Bar customers and customers taking service from the Company's transmission system, there will be a 32¢ per kw credit.

Energy charge per kwh per month:

4.082¢ per kwh for all kwh

CANCELLED BY
ORDER

MAR 28 1991

REMOVED BY

MINIMUM CHARGE:

The capacity charge or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

CONTRACT: One year or more.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. There will be a late payment penalty of 2% of the net bill for payments received after the due date.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

- (1) The maximum 15 minute demand in kw, subject to the off-peak provision.
- (2) 60% of the greatest billing demand of the previous 11 months.
- (3) 200 kw.

Issued September 2, 1988 by

E. Argentati
President
Houghton, Michigan



Effective with the
September 1988 billing cycle

Issued under authority of the
Michigan Public Service Commission

Dated August 23, 1988

In Case No. U-9127

RATE "WP-1" - LARGE LIGHT AND POWER

WHO MAY TAKE SERVICE:

Any customer for light and power purposes when the billing demand is 200 kilowatts or more, served at standard available voltages.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per month:

First 3,000 kw or less

\$8.74 per kw

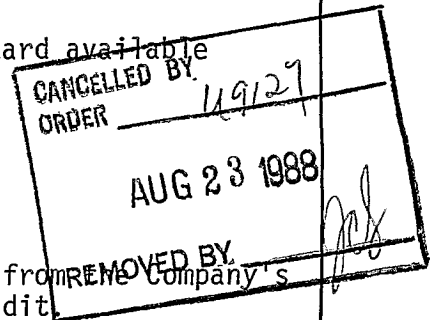
Over 3,000 kw

\$8.48 per kw

For Bus Bar customers and customers taking service from transmission system, there will be a 32¢ per kw credit.

Energy charge per kwh per month:

4.247¢ per kwh for all kwh



MINIMUM CHARGE:

The capacity charge or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

CONTRACT: One year or more.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. There will be a late payment penalty of 2% of the net bill for payments received after the due date.

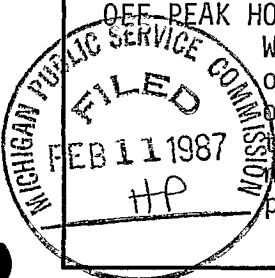
DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

- (1) The maximum 15 minute demand in kw, subject to the off-peak provision.
- (2) 60% of the greatest billing demand of the previous 11 months.
- (3) 200 kw.

OFF PEAK HOUR PROVISION:

With respect to off-peak hours, billing demand shall be the greater of 33 1/3% of the maximum 15 minute demand in kw created during the off-peak hours or the maximum 15 minute demand in kw created during the on-peak hours; provided that the maximum off-peak demand shall not exceed the installed capability of the substation facility provided to the customer.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

R
N

RATE "WP-1D" - LARGE LIGHT AND POWER

Continued from Sheet No. 16.0

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

CONTRACT: One year or more.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

- (1) The maximum 15-minute demand in kW, subject to the off-peak provision.
- (2) 60% of the greatest billing demand of the previous 11 months.
- (3) 200 kW.

OFF-PEAK HOUR PROVISION:

With respect to off-peak hours, billing demand shall be the greater of 33 1/3% of the maximum 15-minute demand in kW created during the off-peak hours or the maximum 15-minute demand in kW created during the on-peak hours; provided that the maximum off-peak demand shall not exceed the installed capability of the substation facility provided to the customer.

SCHEDULE OF OFF-PEAK HOURS:

Off-peak hours shall be all hours between 11:00 p.m. and 7:00 a.m., Monday through Friday and all hours of the day on Saturday, Sunday and legal holidays. Legal holidays shall include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

EMERGENCY SERVICE:

Any industrial customer with steam generation can obtain, if, as, and when available, emergency energy which is interruptible without notice, a \$.50 per kW plus 110% of out-of-pocket costs. Service conditions, demand levels and any credits will be determined on a customer-by-customer basis. Customers taking service under the RAST service schedule are not eligible for this service.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued: 6-27-06
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for Service
On and After 6-28-06
Issued Under Auth. of
Mich Public Serv Comm
Dated 6-27-06
In Case No: U-14745

RATE "WP-1D" - LARGE LIGHT AND POWER (Cont'd.)

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

D CONTRACT: One year or more.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

- (1) The maximum 15-minute demand in kW, subject to the off-peak provision.
- (2) 60% of the greatest billing demand of the previous 11 months.
- (3) 200 kW.

OFF-PEAK HOUR PROVISION:

With respect to off-peak hours, billing demand shall be the greater of 33 1/3% of the maximum 15-minute demand in kW created during the off-peak hours or the maximum 15-minute demand in kW created during the on-peak hours; provided that the maximum off-peak demand shall not exceed the installed capability of the substation facility provided to the customer.

SCHEDULE OF OFF-PEAK HOURS:

Off-peak hours shall be all hours between 11:00 p.m. and 7:00 a.m., Monday through Friday and all hours of the day on Saturday, Sunday and legal holidays. Legal holidays shall include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

EMERGENCY SERVICE:

Any industrial customer with steam generation can obtain, if, as, and when available, emergency energy which is interruptible without notice, a \$.50 per kW plus 110% of out-of-pocket costs. Service conditions, demand levels and any credits will be determined on a customer-by-customer basis. Customers taking service under the RAST service schedule are not eligible for this service.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued: 9-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

MICHIGAN PUBLIC
SERVICE COMMISSION

NOV 6 2003

FILED

JKB

Effective for Service
On and After: 4-17-03
Issued Under Auth. of
Mich Public Serv Comm
Dated 4-17-03
In Case No: U-12133

RATE "WP-1D" - LARGE LIGHT AND POWER (Cont'd.)

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.

CONTRACT: One year or more.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

- (1) The maximum 15-minute demand in kW, subject to the off-peak provision.
- (2) 60% of the greatest billing demand of the previous 11 months.
- (3) 200 kW.

OFF-PEAK HOUR PROVISION:

With respect to off-peak hours, billing demand shall be the greater of 33 1/3% of the maximum 15-minute demand in kW created during the off-peak hours or the maximum 15-minute demand in kW created during the on-peak hours; provided that the maximum off-peak demand shall not exceed the installed capability of the substation facility provided to the customer.

SCHEDULE OF OFF-PEAK HOURS:

Off-peak hours shall be all hours between 11:00 p.m. and 7:00 a.m., Monday through Friday and all hours of the day on Saturday, Sunday and legal holidays. Legal holidays shall include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

EMERGENCY SERVICE:

Any industrial customer with steam generation can obtain, if, as, and when available, emergency energy which is interruptible without notice, a \$.50 per kW plus 110% of out-of-pocket costs. Service conditions, demand levels and any credits will be determined on a customer-by-customer basis. Customers taking service under the RAST service schedule are not eligible for this service.

RULES APPLYING:

~~Service is governed by the Company's Standard Rules and Regulations.~~

CANCELLED BY

ORDER U-12133

REMOVED BY JKB

DATE

11/6/03

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin

MICHIGAN PUBLIC
SERVICE COMMISSION

FEB 28 2003

FILED JKB

Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "WP-1" - LARGE LIGHT AND POWER (Cont'd.)

CONTRACT: One year or more.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

- (1) The maximum 15-minute demand in kW, subject to the off-peak provision.
- (2) 60% of the greatest billing demand of the previous 11 months.
- (3) 200 kW.

OFF-PEAK HOUR PROVISION:

With respect to off-peak hours, billing demand shall be the greater of 33 1/3% of the maximum 15-minute demand in kW created during the off-peak hours or the maximum 15-minute demand in kW created during the on-peak hours; provided that the maximum off-peak demand shall not exceed the installed capability of the substation facility provided to the customer.

SCHEDULE OF OFF-PEAK HOURS:

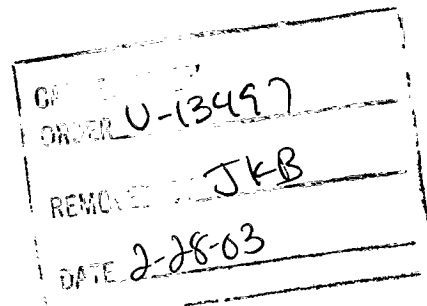
Off-peak hours shall be all hours between 11:00 p.m. and 7:00 a.m., Monday through Friday and all hours of the day on Saturday, Sunday and legal holidays. Legal holidays shall include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

EMERGENCY SERVICE:

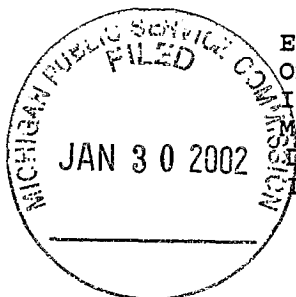
Any industrial customer with steam generation can obtain, if, as, and when available, emergency energy which is interruptible without notice, a \$.50 per kW plus 110% of out-of-pocket costs. Service conditions, demand levels and any credits will be determined on a customer-by-customer basis. Customers taking service under the RAST service schedule are not eligible for this service.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12650

RATE "WP-1" - LARGE LIGHT AND POWER (Cont'd.)

OFF-PEAK HOUR PROVISION:

With respect to off-peak hours, billing demand shall be the greater of 33 1/3% of the maximum 15-minute demand in kW created during the off-peak hours or the maximum 15-minute demand in kW created during the on-peak hours; provided that the maximum off-peak demand shall not exceed the installed capability of the substation facility provided to the customer.

SCHEDULE OF OFF-PEAK HOURS:

Off-peak hours shall be all hours between 11:00 p.m. and 7:00 a.m., Monday through Friday and all hours of the day on Saturday, Sunday and legal holidays. Legal holidays shall include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

EMERGENCY SERVICE:

Any industrial customer with steam generation can obtain, if, as, and when available, emergency energy which is interruptible without notice, a \$.50 per kW plus 110% of out-of-pocket costs. Service conditions, demand levels and any credits will be determined on a customer-by-customer basis.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY ORDER
IN CASE NO. U-

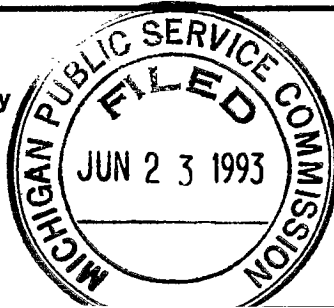
12650 + 12133
OCT 11 2001

REMOVED BY *Qj*

Issued June 1, 1993

by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "WP-1" - LARGE LIGHT AND POWER (Cont'd.)

OFF-PEAK HOUR PROVISION:

With respect to off-peak hours, billing demand shall be the greater of 33 1/3% of the maximum 15 minute demand in kw created during the off-peak hours or the maximum 15 minute demand in kw created during the on-peak hours; provided that the maximum off-peak demand shall not exceed the installed capability of the substation facility provided to the customer.

SCHEDULE OF OFF-PEAK HOURS:

Off-peak hours shall be all hours between 11:00 p.m. and 7:00 a.m., Monday through Friday and all hours of the day on Saturday, Sunday and legal holidays. Legal holidays shall include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

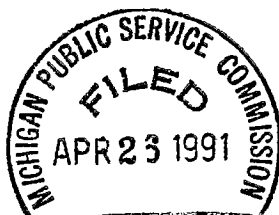
RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY. 1410094
ORDER
MAY 11 1993
REMOVED BY. act

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and
after May 1, 1991

Issued under authority of the
Michigan Public Service Commission
Dated March 28, 1991
In Case No. U-9785

RATE "WP-1" - LARGE LIGHT AND POWER (Cont'd.)

OFF-PEAK HOUR PROVISION:

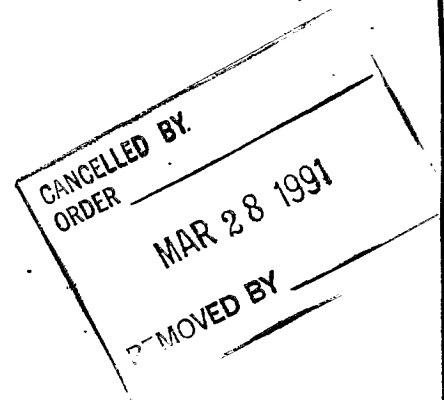
With respect to off-peak hours, billing demand shall be the greater of 33 1/3% of the maximum 15 minute demand in kw created during the off-peak hours or the maximum 15 minute demand in kw created during the on-peak hours; provided that the maximum off-peak demand shall not exceed the installed capability of the substation facility provided to the customer.

SCHEDULE OF OFF-PEAK HOURS:

Off-peak hours shall be all hours between 8:00 p.m. and 9:00 a.m., Monday through Friday and all hours of the day on Saturday, Sunday and legal holidays. Legal holidays shall include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

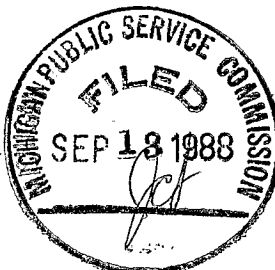
RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued September 2, 1988 by

E. Argentati
President
Houghton, Michigan



Effective with the
September 1988 billing cycle

Issued under authority of the
Michigan Public Service Commission

Dated August 23, 1988

In Case No. U-9127

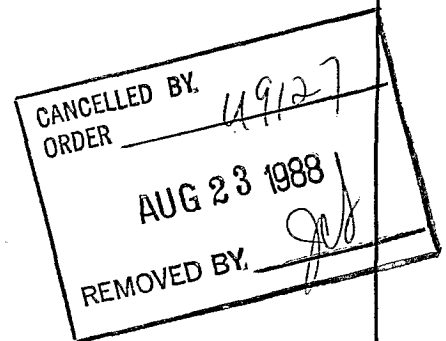
RATE "WP-1" - LARGE LIGHT AND POWER (Cont'd.)

SCHEDULE OF OFF-PEAK HOURS:

Off-peak hours shall be all hours between 8:00 p.m. and 9:00 a.m., Monday through Friday and all hours of the day on Saturday, Sunday and legal holidays. Legal holidays shall include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "WP-1T" - LARGE LIGHT AND POWER

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand over 200 kW, served at Bus Bar, transmission or sub transmission voltages. To qualify, the customer must maintain a demand greater than 200 kW for three consecutive months and at least once in each succeeding twelve-month period. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE: DISTRIBUTION SERVICE

Capacity charge per month:

Peak Demand Charge \$2.74 per kW

POWER SUPPLY SERVICE (Optional)

Capacity charge per month:

Peak Demand Charge \$5.66 per kW

Energy Charge

On Peak Energy Charge \$0.08619/kWh

Off Peak Energy Charge \$0.05419/kWh

On-Peak hours shall be between 7:00 a.m. and 11:00 p.m., Monday through Friday excluding holidays.

Off-peak hours shall be all hours between 11:00 p.m. and 7:00 a.m., Monday through Friday and all hours of the day on Saturday, Sunday and legal holidays. Legal holidays shall include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

MINIMUM CHARGE:

The capacity charge or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

Continued on Sheet No. 16.3

Issued: 6-27-06
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for Service
On and After 6-28-06
Issued Under Auth. of
Mich Public Serv Comm
Dated 6-27-06
In Case No: U-14745

RATE "WP-1T" - LARGE LIGHT AND POWER

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand over 200 kW, served at Bus Bar, transmission or sub transmission voltages. To qualify, the customer must maintain a demand greater than 200 kW for three consecutive months in any twelve-month period. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

DISTRIBUTION SERVICE

Capacity charge per month:

Peak Demand Charge \$2.95 per kW

POWER SUPPLY SERVICE (Optional)

Capacity charge per month:

Peak Demand Charge \$5.45 per kW

Energy Charge

On Peak Energy Charge \$0.04800/kWh

Off Peak Energy Charge

\$0.03009/kWh

On-Peak hours shall be between 7:00 a.m. and 11:00 p.m., Monday through Friday excluding holidays.

Off-peak hours shall be all hours between 11:00 p.m. and 7:00 a.m., Monday through Friday and all hours of the day on Saturday, Sunday and legal holidays. Legal holidays shall include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

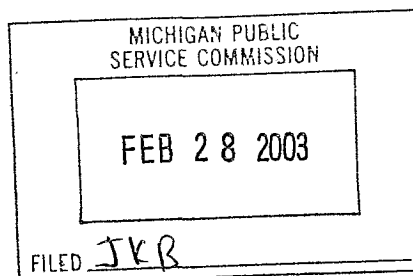
MINIMUM CHARGE:

The capacity charge or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

PRIMARY COGENERATION TARIFF CG-1

AVAILABILITY:

Customers who employ cogeneration technology as an energy source and have a long term contract to sell electric output of their cogeneration facility to the Company may receive partial or standby service under the applicable filed rates:

WP-1

CHARACTER OF SERVICE:

As specified under appropriate filed rate or under contract agreement.

RATE:

- A. Sales to customer:
1. As specified under applicable filed rate.
- B. Sales by customer to company.
1. By special contract.
2. Rates must allow the customer reasonable recovery of fixed and out-of-pocket costs of cogeneration but not to exceed the Company's incremental cost of alternate sources.
3. Energy rates should reflect any existing on-peak/off-peak cost differentials of the utility.
4. Capacity payments should be based on the reliability of the power delivered.

CHARGE
ORDER U-13497
JKB
2-28-83

SPECIAL PROVISION AND CONDITIONS:

1. Customer Planned Maintenance - If the customer desires service to replace cogeneration due to planned maintenance outage, the customer shall submit to the Company its maintenance schedule at least 90 days prior to date of actual maintenance. The Company may, at its option, defer the maintenance if it determines that to meet the additional load would unduly burden the system. Such a deferral notice shall be given to the customer 60 days prior to planned maintenance.
2. Whenever the customer is unable to cogenerate due to equipment failure or approved planned maintenance, the billing demand for that month will be excluded from the calculation used to compute subsequent billing demands under the ratchet provision.
3. Contract Capacity - The contract must specify the minimum and maximum kw load available to the utility from cogeneration facility under normal operation. The customer shall also contract for maximum standby capacity which shall be used in computing the monthly billings under applicable rate. Failure of the customer to meet the minimum load obligations, other than due to equipment outages indicated above shall result in a penalty to the customer equal to the difference between the cogeneration price and the replacement power cost of the utility for that period.



Issued January 12, 1987 by

E. Argenti
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

R
N

RATE "WP-1T" - LARGE LIGHT AND POWER

Continued from Sheet No. 16.2

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

CONTRACT: One year or more.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

- (1) The maximum 15-minute demand in kW, subject to the off-peak provision.
- (2) 60% of the greatest billing demand of the previous 11 months.
- (3) 200 kW.

OFF-PEAK HOUR PROVISION:

With respect to off-peak hours, billing demand shall be the greater of 33 1/3% of the maximum 15-minute demand in kW created during the off-peak hours or the maximum 15-minute demand in kW created during the on-peak hours; provided that the maximum off-peak demand shall not exceed the installed capability of the substation facility provided to the customer.

SCHEDULE OF OFF-PEAK HOURS:

Off-peak hours shall be all hours between 11:00 p.m. and 7:00 a.m., Monday through Friday and all hours of the day on Saturday, Sunday and legal holidays. Legal holidays shall include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

EMERGENCY SERVICE:

Any industrial customer with steam generation can obtain, if, as, and when available, emergency energy which is interruptible without notice, a \$.50 per kW plus 110% of out-of-pocket costs. Service conditions, demand levels and any credits will be determined on a customer-by-customer basis. Customers taking service under the RAST service schedule are not eligible for this service.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued: 6-27-06
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for Service
On and After 6-28-06
Issued Under Auth. of
Mich Public Serv Comm
Dated 6-27-06
In Case No: U-14745

RATE "WP-1T" - LARGE LIGHT AND POWER (Cont'd.)

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

D CONTRACT: One year or more.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

- (1) - The maximum 15-minute demand in kW, subject to the off-peak provision.
- (2) 60% of the greatest billing demand of the previous 11 months.
- (3) 200 kW.

OFF-PEAK HOUR PROVISION:

With respect to off-peak hours, billing demand shall be the greater of 33 1/3% of the maximum 15-minute demand in kW created during the off-peak hours or the maximum 15-minute demand in kW created during the on-peak hours; provided that the maximum off-peak demand shall not exceed the installed-capability of the substation facility provided to the customer.

SCHEDULE OF OFF-PEAK HOURS:

Off-peak hours shall be all hours between 11:00 p.m. and 7:00 a.m., Monday through Friday and all hours of the day on Saturday, Sunday and legal holidays. Legal holidays shall include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

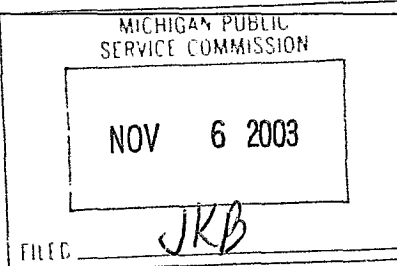
EMERGENCY SERVICE:

Any industrial customer with steam generation can obtain, if, as, and when available, emergency energy which is interruptible without notice, a \$.50 per kW plus 110% of out-of-pocket costs. Service conditions, demand levels and any credits will be determined on a customer-by-customer basis. Customers taking service under the RAST service schedule are not eligible for this service.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued: 9-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin



Effective for Service
On and After: 4-17-03
Issued Under Auth. of
Mich Public Serv Comm
Dated 4-17-03
In Case No: U-12133

RATE "WP-1T" - LARGE LIGHT AND POWER (Cont'd.)

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.

CONTRACT: One year or more.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

- (1) The maximum 15-minute demand in kW, subject to the off-peak provision.
- (2) 60% of the greatest billing demand of the previous 11 months.
- (3) 200 kW.

OFF-PEAK HOUR PROVISION:

With respect to off-peak hours, billing demand shall be the greater of 33 1/3% of the maximum 15-minute demand in kW created during the off-peak hours or the maximum 15-minute demand in kW created during the on-peak hours; provided that the maximum off-peak demand shall not exceed the installed capability of the substation facility provided to the customer.

SCHEDULE OF OFF-PEAK HOURS:

Off-peak hours shall be all hours between 11:00 p.m. and 7:00 a.m., Monday through Friday and all hours of the day on Saturday, Sunday and legal holidays. Legal holidays shall include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

EMERGENCY SERVICE:

Any industrial customer with steam generation can obtain, if, as, and when available, emergency energy which is interruptible without notice, a \$.50 per kW plus 110% of out-of-pocket costs. Service conditions, demand levels and any credits will be determined on a customer-by-customer basis. Customers taking service under the RAST service schedule are not eligible for this service.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY

ORDER U-12133

REMOVED BY JKB

DATE 11/6/03

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin

MICHIGAN PUBLIC
SERVICE COMMISSION

FEB 28 2003

FILED

JKB

Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

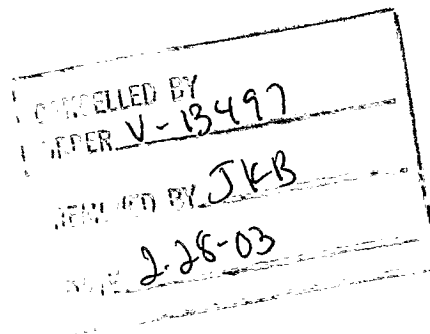
PRIMARY COGENERATION TARIFF CG-1 (Cont'd.)

SPECIAL PROVISION AND CONDITIONS (Cont'd):

4. The customer shall not share the electric output of his cogeneration facility with any other customer or utility.
5. Parallel Operation - The customer must have the option of operating his generating system in parallel with the Company electric system. If the customer is to operate his electric generating system in parallel to the Company's system, then the customer must install and maintain approved appliances and devices necessary to protect the equipment and service of the Company from injury or interruptions due to a flow of current from the customer's system.

DEFINITIONS:

1. Cogeneration technology - The use for the generation of electricity of exhaust steam, waste steam, heat or resultant energy from an industrial or manufacturing plant or process or the use of exhaust steam, waste steam or heat from a thermal power plant for an industrial or manufacturing plant or process.
2. Incremental Cost - The Company's marginal cost to generate or purchase from another firm source the energy which is purchased from the cogenerator. The Company shall compute the incremental capacity and energy cost of its base load generation or alternate purchased power source at the time of contract. This cost shall be revised each year in determining the applicable price for cogeneration source. An appropriate fuel adjustment clause based on cogenerator's fuel costs shall be part of the contract agreement.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

SCHEDULE A

RATE:

Capacity Charge Per Month:
All KW @ \$10.84 Per KW
Plus
Energy Charge Per KWH Per Month
\$.0285 Per KWH for all KWH,
Plus
Power Supply Cost Recovery Clause

MINIMUM CHARGE:

The Minimum Contract Demand plus any Energy at the Energy Rate

POWER SUPPLY COST RECOVERY CLAUSE:

This Rate is Subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due 21 days from the Date of Bill. There will be a Late Payment Penalty of 2% of the Net Bill for Payments received after the Due Date.

DETERMINATION OF BILLING DEMAND:

Billing Demand shall be the Greatest of:

- (1) The Maximum 15 Minute Demand in KW
- (2) 60% of the Greatest Billing Demand of the previous 11 Months
- (3) Minimum Contract Demand

OFF-PEAK PROVISIONS:

- (1) Customer shall be allowed to take off-peak power up to 150% of the monthly billing demand.
- (2) If customers off-peak demand exceeds 150% of the monthly billing demand, all excess demand will be billed at the capacity charge.
- (3) Off-peak hours shall be all hours between 8 p.m. and 9 a.m. Monday through Friday and all hours of the day on Saturday and Sunday and legal holidays.
- (4) Legal holidays are New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

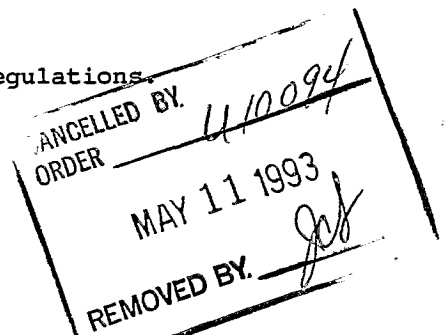
RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued June 1, 1993 by
C. Fisher
President
Houghton, Michigan



Effective for services rendered
on and after May 12, 1993
Issued under authority of the
Michigan Public Service
Commission in Case No. U-10094
dated May 11, 1993



SCHEDULE A

WHO MAY TAKE SERVICE:

Any paper mill with at least 15,000 kW of coal-fired steam generation. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATES: DISTRIBUTION SERVICE

Demand Charges Firm Service per month:

\$0.67 per KW

Demand Charges Interruptible Service per month:

\$0.67 per kW

POWER SUPPLY SERVICE (Optional)

Demand Charges Firm Service per month:

\$10.33 per KW

Demand Charges Interruptible Service per month:

\$2.83 per kW

Additional Demand Charges:

All kW above total of contract firm demand and contract interruptible demand @ \$11.00 per KW, less such demands as are met by Emergency Service.

Energy Charges per kWh per month:

On-Peak \$0.02800 per kWh

Off-Peak \$0.01850 per kWh

for all Firm and Interruptible kWh,

Plus

Power Supply Cost Recovery Clause

On-Peak hours shall be between 7:00 a.m. and 11:00 p.m.,

Monday through Friday excluding holidays.

Off-peak hours shall be all hours between 11:00 p.m. and 7:00 a.m., Monday through Friday and all hours of the day on Saturday, Sunday and legal holidays. Legal holidays shall include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

MINIMUM CHARGE:

The total of the contract demands at the applicable rates plus any energy rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.0.

Continued to Sheet No. 16.5.1

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin

MICHIGAN PUBLIC
SERVICE COMMISSION

FEB 28 2003

FILED

JKB

Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

SCHEDULE A

WHO MAY TAKE SERVICE:

Any paper mill with at least 15,000 kW of coal-fired steam generation. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATES: DISTRIBUTION SERVICE

Demand Charges Firm Service per month:

\$0.59 per KW

Demand Charges Interruptible Service per month:

\$0.59 per kW

POWER SUPPLY SERVICE (Optional)

Demand Charges Firm Service per month:

\$9.38 per KW

Demand Charges Interruptible Service per month:

\$1.91 per kW

Additional Demand Charges:

All kW above total of contract firm demand and contract interruptible demand @ \$9.38 per KW, less such demands as are met by Emergency Service.

Energy Charges per kWh per month:

\$.0267 per kWh for all Firm and Interruptible kWh,
Plus

Power Supply Cost Recovery Clause

MINIMUM CHARGE:

The total of the contract demands at the applicable rates plus any energy rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.0.

TERMS AND CONDITIONS FOR INTERRUPTIBLE SERVICE:

A. Notice of interruption

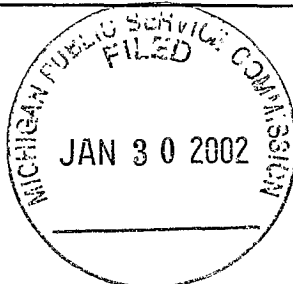
1. Notice shall be provided to Customer no less than one (1) hour prior to the requested time of interruption.
2. Company reserves the right to provide less than one hour's notice, but not less than fifteen (15) minutes, if in the Company's sole determination such interruption is necessary to maintain system integrity.
3. When possible, Customer will be provided with the estimated duration of the interruption.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.

Continued to Sheet No. 16.5.1

Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12133 & U-12650

SCHEDULE A

WHO MAY TAKE SERVICE:

Any paper mill with at least 15,000 kW of coal-fired steam generation.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATES:

Demand Charges Firm Service per month:
\$9.97 per KW

Demand Charges Interruptible Service per month:
\$2.50 per kW

Additional Demand Charges:

All kW above total of contract firm demand and contract interruptible demand @ \$9.97 per KW, less such demands as are met by Emergency Service.

Energy Charges per kWh per month:

\$.0267 per kWh for all Firm and Interruptible kWh,
Plus
Power Supply Cost Recovery Clause

MINIMUM CHARGE:

The total of the contract demands at the applicable rates plus any energy rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.0.

TERMS AND CONDITIONS FOR INTERRUPTIBLE SERVICE:

A. Notice of interruption

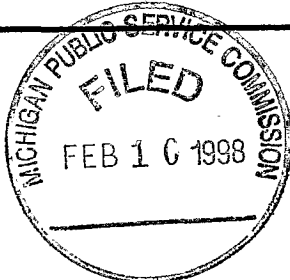
1. Notice shall be provided to Customer no less than one (1) hour prior to the requested time of interruption.
2. Company reserves the right to provide less than one hour's notice, but not less than fifteen (15) minutes, if in the Company's sole determination such interruption is necessary to maintain system integrity.
3. When possible, Customer will be provided with the estimated duration of the interruption.

Continued to Sheet No. 16.5.1

CANCELLED BY ORDER
IN CASE NO. U-
12650 + 12033
OCT 11 2001

Issued January 27, 1998 by

C. Fisher
President
Houghton, Michigan



Effective:

August 1, 1997

Issued under authority of the
Michigan Public Service Commission

Dated July 31, 1997

In Case No. U-11447

SCHEDULE A

WHO MAY TAKE SERVICE:

Any paper mill with at least 15,000 kW of coal-fired steam generation.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATES:

Demand Charges Firm Service per month:
\$9.97 per KW

Demand Charges Interruptible Service per month:
\$2.50 per kW

Additional Demand Charges:

All kW above total of contract firm demand and contract interruptible demand @ \$9.97 per KW, less such demands as are met by Emergency Service.

Energy Charges per kWh per month:

\$0.267 per kWh for all Firm and Interruptible kWh,
Plus
Power Supply Cost Recovery Clause

MINIMUM CHARGE:

The total of the contract demands at the applicable rates plus any energy rate.

POWER SUPPLY COST RECOVERY CLAUSE:

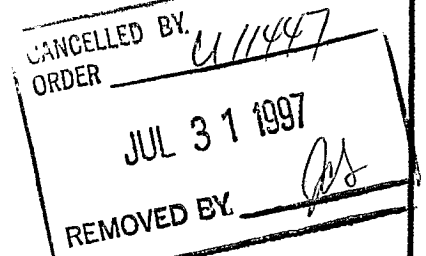
This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.0.

TERMS AND CONDITIONS FOR INTERRUPTIBLE SERVICE:

A. Notice of interruption

1. Notice shall be provided to Customer no less than one (1) hour prior to the requested time of interruption.
2. Company reserves the right to provide less than one hour's notice, but not less than fifteen (15) minutes, if in the Company's sole determination such interruption is necessary to maintain system integrity.
3. When possible, Customer will be provided with the estimated duration of the interruption.

Continued to Sheet No. 16.5.1



Issued December 2, 1997 by

C. Fisher
President
Houghton, Michigan



Effective:

August 1, 1997

Issued under authority of the
Michigan Public Service Commission

Dated July 31, 1997

In Case No. U-11447

SCHEDULE A

RATE:

Capacity charge per month:
All KW @ \$9.97 per KW
Plus
Energy charge per kWh per month
\$.0267 per kWh for all kWh,
Plus
Power Supply Cost Recovery Clause

MINIMUM CHARGE:

The minimum contract demand plus any energy at the energy rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. There will be a late payment penalty of 2% of the net bill for payments received after the due date.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

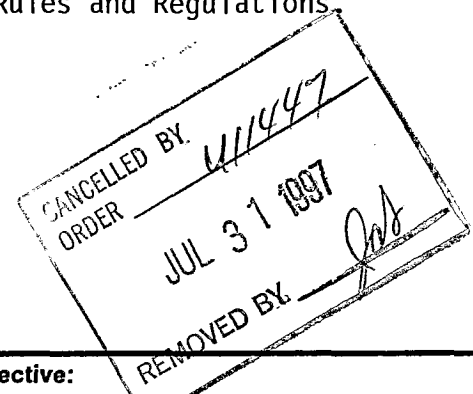
- (1) The maximum 15-minute demand in KW
- (2) 60% of the greatest billing demand of the previous 11 months
- (3) Minimum contract demand

EMERGENCY ENERGY PROVISION:

UPPCO will provide to Stone Container Corporation, if, as, and when available, emergency energy, interruptible without notice for \$.50 per KW per month for 12,000 KW standby charge plus 110% of out-of-pocket cost for energy. Customer billed demand will be credited \$.6667 per KW for 9,000 KW per month. Emergency energy is available only in emergency situations caused by loss of Stone Container Corporation's own generation.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued May 16, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:
May 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated April 27, 1995

In Case No. U-10829

SCHEDULE A

RATE:

Capacity charge per month:
All KW @ \$9.97 per KW
Plus
Energy charge per KWH per month
\$.0269 per KWH for all KWH,
Plus
Power Supply Cost Recovery Clause

MINIMUM CHARGE:

The minimum contract demand plus any energy at the energy rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. There will be a late payment penalty of 2% of the net bill for payments received after the due date.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

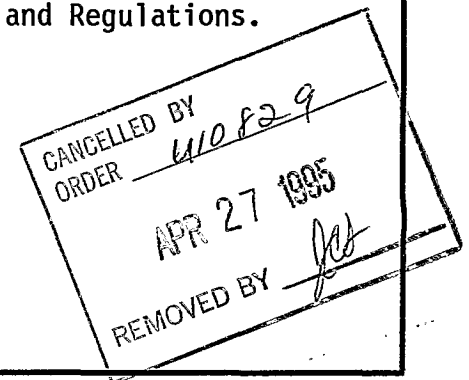
- (1) The maximum 15-minute demand in KW
- (2) 60% of the greatest billing demand of the previous 11 months
- (3) Minimum contract demand

EMERGENCY ENERGY PROVISION:

UPPCO will provide to Stone Container Corporation, if, as, and when available, emergency energy, interruptible without notice for \$.50 per KW per month for 12,000 KW standby charge plus 110% of out-of-pocket cost for energy. Customer billed demand will be credited \$.6667 per KW for 9,000 KW per month. Emergency energy is available only in emergency situations caused by loss of Stone Container Corporation's own generation.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued March 17, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

April 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated March 10, 1995

In Case No. U-10802

SCHEDULE A

RATE:

Capacity charge per month:
All KW @ \$10.86 per KW
Plus
Energy charge per KWH per month
\$.029 per KWH for all KWH,
Plus
Power Supply Cost Recovery Clause

MINIMUM CHARGE:

The minimum contract demand plus any energy at the energy rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. There will be a late payment penalty of 2% of the net bill for payments received after the due date.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

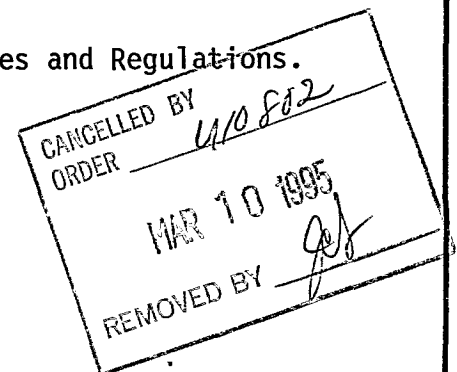
- (1) The maximum 15-minute demand in KW
- (2) 60% of the greatest billing demand of the previous 11 months
- (3) Minimum contract demand

EMERGENCY ENERGY PROVISION:

UPPCO will provide to Stone Container Corporation, if, as, and when available, emergency energy, interruptible without notice for \$.50 per KW per month for 12,000 KW standby charge plus 110% of out-of-pocket cost for energy. Customer billed demand will be credited \$.6667 per KW for 9,000 KW per month. Emergency energy is available only in emergency situations caused by loss of Stone Container Corporation's own generation.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued December 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. II-10094

SCHEDULE A

RATE:

Capacity Charge Per Month:
All KW @ \$10.84 Per KW
Plus
Energy Charge Per KWH Per Month
\$.0285 Per KWH for all KWH,
Plus
Power Supply Cost Recovery Clause

MINIMUM CHARGE:

The Minimum Contract Demand plus any Energy at the Energy Rate

POWER SUPPLY COST RECOVERY CLAUSE:

This Rate is Subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due 21 days from the Date of Bill. There will be a Late Payment Penalty of 2% of the Net Bill for Payments received after the Due Date.

DETERMINATION OF BILLING DEMAND:

Billing Demand shall be the Greatest of:

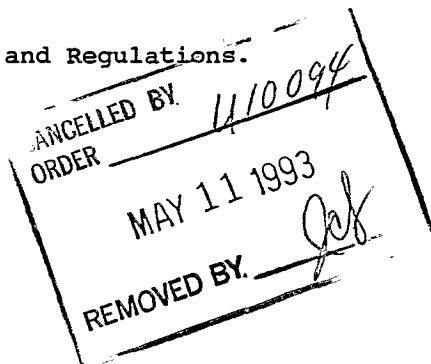
- (1) The Maximum 15 Minute Demand in KW
- (2) 60% of the Greatest Billing Demand of the previous 11 months
- (3) Minimum Contract Demand

EMERGENCY ENERGY PROVISION:

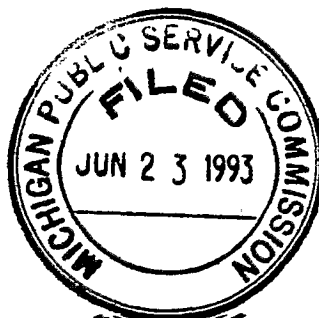
UPPCO will provide to Stone Container Corporation, if, as, and when available, emergency energy, interruptible without notice for \$.50 per KW per month for 12,000 KW standby charge plus 110% of out-of-pocket cost for energy. Customer billed demand will be credited \$.6667 per KW for 9,000 KW per month. Emergency energy is available only in emergency situations caused by loss of Stone Container Corporation's own generation.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued June 1, 1993 by
C. Fisher
President
Houghton, Michigan

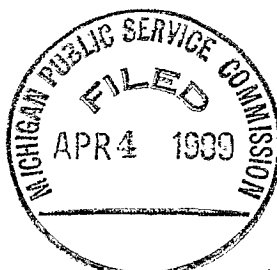


Effective for services rendered on and after May 12, 1993
Issued under authority of the Michigan Public Service Commission in Case No. U-10094 dated May 11, 1993

THIS RATE SHEET WAS CANCELLED

Issued March 27, 1989 by

E. Argentati
President
Houghton, Michigan



Effective for electric service
rendered on and after
February 1, 1989

Issued under authority of the
Michigan Public Service Commission

Dated January 19, 1988

In Case No. U-9270

RATE "WP-11" - INTERRUPTIBLE SERVICE RATE

WHO MAY TAKE SERVICE:

Available in association with:
LARGE LIGHT AND POWER RATE WP-1

To all industrial customers contracting for service of 1,000 kW or more under the Company's WP-1 rate and who require additional service under the WP-11 rate. The WP-11 contract demand may not exceed the contract demand of the WP-1 service.

Service is available only to the extent that there exists sufficient generating reserve margin in the existing system as determined by Upper Peninsula Power Company.

The Company may limit contract capability to the capability of existing substation and system installations or if expanded facilities are required to provide this service, the Company may require a non-refundable contribution in aid of construction.

All electric power delivered by this rate shall be subject to curtailment at the option of the Company. The power shall not be interrupted for more than eight (8) hours in a day, nor more than 1,000 hours in a calendar year.

Customers shall be interrupted only when either the Company finds it necessary to do so, in order to maintain the system integrity or when the marginal energy cost of internally generated power or the cost of replacement power needed to serve Company firm load levels equals or exceeds 3.5¢ per kilowatthour.

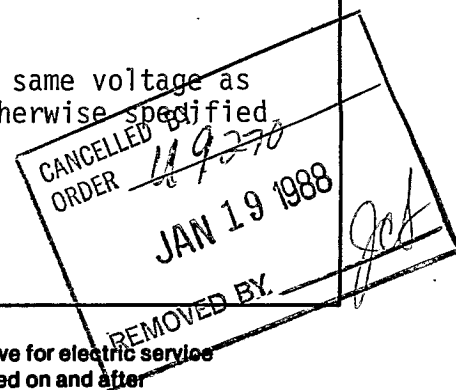
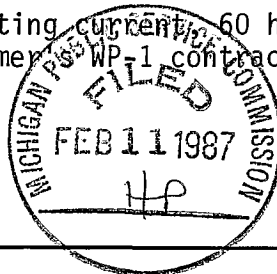
The customer shall be provided whenever possible, notice in advance of probable interruption and estimated duration of the interruption. The customer may avoid interruption for economic purposes only and not for emergency interruptions. A customer not electing to be curtailed during economic interruption will be billed for energy at the average cost of replacement energy (purchased and internally generated) plus 1.00¢ per kWh during the time of interruption.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at the same voltage as defined in the customer's WP-1 contract unless otherwise specified by contract.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

R

SCHEDULE A

Continued from Sheet No. 16.5

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

CONTRACT:

One year or more.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

- (1) The maximum 15-minute demand in KW
The calculation of firm demand for billing purposes shall be the maximum metered demand in kW, less the interruptible contracted demand, less any emergency energy being used at the time of the metered peak.
- (2) Total of the contract firm demands and the contract interruptible demands.

EMERGENCY ENERGY PROVISION:

Emergency energy is defined as electric energy furnished to Customer upon call to assist in maintaining electric service in the event of a breakdown of facilities or other occurrence which may make necessary the call for such power in order to help maintain adequate electric service on Customer's system. Emergency power is on and if, as, and when available basis and is interruptible without notice.

Rates are \$.50 per kW per month as a standby charge plus 110% of the out-of-pocket cost for energy. Customer will receive a credit against its demand charge for firm service equal to \$.50 per kW of contracted standby charge.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

INTERRUPTIBLE OPTION:

See Schedule CP-I Sheet No. 18.00 for interruptible service.

R

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Issued: 6-27-06
By J F Schott
VP - Regulatory Affairs
Green Bay, Wisconsin

Effective for Service
On and After 6-28-06
Issued Under Auth. of
Mich Public Serv Comm
Dated 6-27-06
In Case No: U-14745

SCHEDULE A (Cont'd.)

TERMS AND CONDITIONS FOR INTERRUPTIBLE SERVICE:

A. Notice of interruption

1. Notice shall be provided to Customer no less than one (1) hour prior to the requested time of interruption.
2. Company reserves the right to provide less than one hour's notice, but not less than fifteen (15) minutes, if in the Company's sole determination such interruption is necessary to maintain system integrity.
3. When possible, Customer will be provided with the estimated duration of the interruption.

D

B. Maximum hours of interruption

1. The total hours of interruption in a contract year shall not exceed six hundred (600) hours.
2. The maximum period of interruption per day shall not exceed ten (10) hours.

C. Economic Interruption

1. The Company may interrupt service when it projects a system need extending three hours or more for peaking generation and where the projected cost of such energy is \$.08 or more per kWh.
2. The Customer may seek to buy-through an economic interruption. The Company will solicit energy from third parties and advise of the costs of purchasing and transmitting such energy to the Company's system. If Customer elects to buy-through, Customer will pay the Company's costs of such energy plus \$.003 per kWh in lieu of the otherwise applicable energy charge.

D. Interruption for system integrity

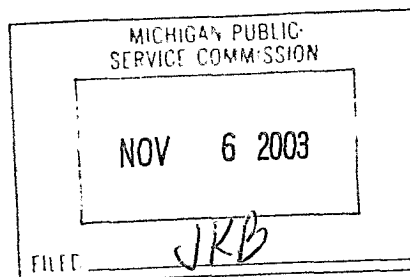
This interruptible service shall normally have a degree of firmness second only to firm demand, contractual firm sales, and reserve margin requirements. Prior to system integrity interruption, the Company will generally implement available generating capacity, purchase energy to the extent reasonably possible, and curtail other non-firm sales necessary to maintain the reliability of the bulk power system. The Company may interrupt for system integrity, if necessary, even if Customer is willing to buy-through economic interruption or to make Emergency Energy purchase.

E. Unauthorized use

Failure by Customer to comply with an interruption notice of the Company shall be considered as unauthorized use and billed at a rate of \$50.00 per kW for each kW of demand created during the highest fifteen (15) minute kW demand during the interruption period, in addition to the prescribed monthly rates. Failure by Customer to comply with interruption notices on two occasions in any twelve-month period will result in the termination of interruptible service.

Continued to Sheet No. 16.5.2

Issued: 9-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin



Effective for Service
On and After: 4-17-03
Issued Under Auth. of
Mich Public Serv Comm
Dated 4-17-03
In Case No: U-12133

SCHEDULE A (Cont'd.)

TERMS AND CONDITIONS FOR INTERRUPTIBLE SERVICE:

- A. Notice of interruption
1. Notice shall be provided to Customer no less than one (1) hour prior to the requested time of interruption.
 2. Company reserves the right to provide less than one hour's notice, but not less than fifteen (15) minutes, if in the Company's sole determination such interruption is necessary to maintain system integrity.
 3. When possible, Customer will be provided with the estimated duration of the interruption.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.

- B. Maximum hours of interruption
1. The total hours of interruption in a contract year shall not exceed six hundred (600) hours.
 2. The maximum period of interruption per day shall not exceed ten (10) hours.
- C. Economic Interruption
1. The Company may interrupt service when it projects a system need extending three hours or more for peaking generation and where the projected cost of such energy is \$.08 or more per kWh.
 2. The Customer may seek to buy-through an economic interruption. The Company will solicit energy from third parties and advise of the costs of purchasing and transmitting such energy to the Company's system. If Customer elects to buy-through, Customer will pay the Company's costs of such energy plus \$.003 per kWh in lieu of the otherwise applicable energy charge.
- D. Interruption for system integrity
- This interruptible service shall normally have a degree of firmness second only to firm demand, contractual firm sales, and reserve margin requirements. Prior to system integrity interruption, the Company will generally implement available generating capacity, purchase energy to the extent reasonably possible, and curtail other non-firm sales necessary to maintain the reliability of the bulk power system. The Company may interrupt for system integrity, if necessary, even if Customer is willing to buy-through economic interruption or to make Emergency Energy purchase.
- E. Unauthorized use
- Failure by Customer to comply with an interruption notice of the Company shall be considered as unauthorized use and billed at a rate of \$50.00 per kW for each kW of demand created during the highest fifteen (15) minute kW demand during the interruption period, in addition to the prescribed monthly rates. Failure by Customer to comply with interruption notices on two occasions in any twelve-month period will result in the termination of interruptible service.

Continued to Sheet No. 16.5.2

CANCELLED BY

ORDER 11-12133

REMOVED BY JKB

MICHIGAN PUBLIC
SERVICE COMMISSION

DATE

FEB 28 2003

FILED

JKB

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin

Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

SCHEDULE A (Cont'd.)

B. Maximum hours of interruption

1. The total hours of interruption in a contract year shall not exceed six hundred (600) hours.
2. The maximum period of interruption per day shall not exceed ten (10) hours.

C. Economic Interruption

1. The Company may interrupt service when it projects a system need extending three hours or more for peaking generation and where the projected cost of such energy is \$.08 or more per kWh.
2. The Customer may seek to buy-through an economic interruption. The Company will solicit energy from third parties and advise of the costs of purchasing and transmitting such energy to the Company's system. If Customer elects to buy-through, Customer will pay the Company's costs of such energy plus \$.003 per kWh in lieu of the otherwise applicable energy charge.

D. Interruption for system integrity

This interruptible service shall normally have a degree of firmness second only to firm demand, contractual firm sales, and reserve margin requirements. Prior to system integrity interruption, the Company will generally implement available generating capacity, purchase energy to the extent reasonably possible, and curtail other non-firm sales necessary to maintain the reliability of the bulk power system. The Company may interrupt for system integrity, if necessary, even if Customer is willing to buy-through economic interruption or to make Emergency Energy purchase.

E. Unauthorized use

Failure by Customer to comply with an interruption notice of the Company shall be considered as unauthorized use and billed at a rate of \$50.00 per kW for each kW of demand created during the highest fifteen (15) minute kW demand during the interruption period, in addition to the prescribed monthly rates. Failure by Customer to comply with interruption notices on two occasions in any twelve-month period will result in the termination of interruptible service.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

CONTRACT:

One year or more.

Continued to Sheet No. 16.5.2

FILED
V-13497
JKB
2-28-03

Issued December 2, 1997 by

C. Fisher
President
Houghton, Michigan



Effective:

August 1, 1997

Issued under authority of the
Michigan Public Service Commission

Dated July 31, 1997

In Case No. U-11447

SCHEDULE A (Cont'd.)

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

CONTRACT:

One year or more.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

- (1) The maximum 15-minute demand in KW
 - (a) The calculation of firm demand for billing purposes shall be the maximum metered demand in kW, less the interruptible contracted demand, less any emergency energy being used at the time of the metered peak.
- (2) Total of the contract firm demands and the contract interruptible demands.

EMERGENCY ENERGY PROVISION:

Emergency energy is defined as electric energy furnished to Customer upon call to assist in maintaining electric service in the event of a breakdown of facilities or other occurrence which may make necessary the call for such power in order to help maintain adequate electric service on Customer's system. Emergency power is on an if, as, and when available basis and is interruptible without notice.

Rates are \$.50 per kW per month as a standby charge plus 110% of the out-of-pocket cost for energy. Customer will receive a credit against its demand charge for firm service equal to \$.50 per kW of contracted standby charge.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin

MICHIGAN PUBLIC
SERVICE COMMISSION

FEB 28 2003

FILED

JEB

Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

SCHEDULE A (Cont'd.)

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

- (1) The maximum 15-minute demand in KW
 - (a) The calculation of firm demand for billing purposes shall be the maximum metered demand in kW, less the interruptible contracted demand, less any emergency energy being used at the time of the metered peak.
- (2) Total of the contract firm demands and the contract interruptible demands.

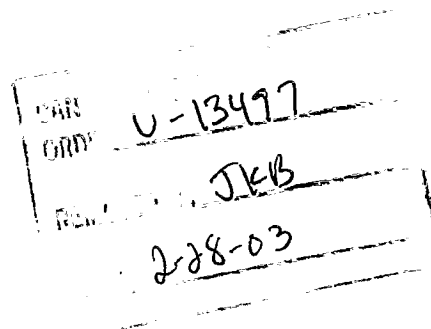
EMERGENCY ENERGY PROVISION:

Emergency energy is defined as electric energy furnished to Customer upon call to assist in maintaining electric service in the event of a breakdown of facilities or other occurrence which may make necessary the call for such power in order to help maintain adequate electric service on Customer's system. Emergency power is on an if, as, and when available basis and is interruptible without notice.

Rates are \$.50 per kW per month as a standby charge plus 110% of the out-of-pocket cost for energy. Customer will receive a credit against its demand charge for firm service equal to \$.50 per kW of contracted standby charge.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued December 2, 1997 by

C. Fisher
President
Houghton, Michigan



Effective:

August 1, 1997

**Issued under authority of the
Michigan Public Service Commission**

Dated July 31, 1997

In Case No. U-11447

RATE ED-1 - ECONOMIC DEVELOPMENT RATE

(THIS RATE SHALL TERMINATE THREE YEARS FROM DATE OF MPSC APPROVAL)

WHO MAY TAKE SERVICE:

Any new customer for light and power purposes with a billing demand over 1,000 kW, served at standard available voltages. To qualify, the customer must file an affidavit stating that the availability of this Economic Development Rate was a substantial contributing factor in its decision to locate in UPPCO's service territory.

TERRITORY APPLICABLE:

All territory serviced in the Company's Interconnected System.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Customer's monthly billing will be calculated at the then current WP-1 Tariff rate, then the following discounts shall apply:

Year 1 of service: 15% discount
Year 2 of service: 10% discount
Year 3 of service: 5% discount

Discounts shall be calculated on total bill less sales tax and Power Supply Cost charges/credits.

MINIMUM CHARGE:

The capacity charge based on 1,000 kW demand.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

TERM:

Eligible customers are assured availability of the tariff for a term of three years.

TERMS OF PAYMENT:

Bills are due 21 days from the date of the bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:
(1) The maximum 15-minute demand in kW
(2) 1,000 kW

Issued May 26, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

May 18, 1995

Issued under authority of the
Michigan Public Service Commission

Dated May 18, 1995

In Case No. U-10835

THIS RATE SHEET WAS CANCELLED

Issued March 27, 1989 by

E. Argentati
President
Houghton, Michigan



Effective for electric service
rendered on and after

February 1, 1989

Issued under authority of the
Michigan Public Service Commission

Dated January 19, 1988

In Case No. U-9270

RATE "WP-11" - INTERRUPTIBLE SERVICE RATE (Cont'd.)

RATE:

Capacity Charge Per Month:
\$4.38 per kW

Energy Charge Per Month:
3.634¢ per kWh per month

Power Supply Cost Recovery:
This rate is subject to the Company's Power Supply Cost Recovery Clause.

MINIMUM CHARGE:

The capacity charge included in the rate multiplied by the minimum contract demand.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

CONTRACT:

This tariff will be available through December 31, 1988.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the maximum 15 minute demand in kW.

TERMS OF PAYMENT:

Bills are due 21 days from the date of the bill. There will be a late payment penalty of 2% of the net bill for payments received after the due date.

POWER FACTOR CLAUSE:

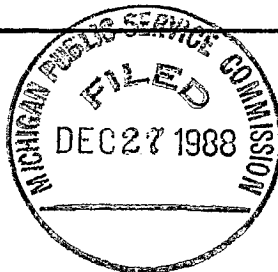
Should customer's power factor fall below eighty-five percent (85%) during the period of maximum use in a billing month, then the demand charge for billing purposes may, at the Company's option, be adjusted by applying a fraction, the numerator of which shall be eighty-five percent (85%), and the denominator the actual power factor. The Company may, at its option, determine the power factor by test or by permanently installed measuring equipment.

SPECIAL TERMS AND CONDITIONS:

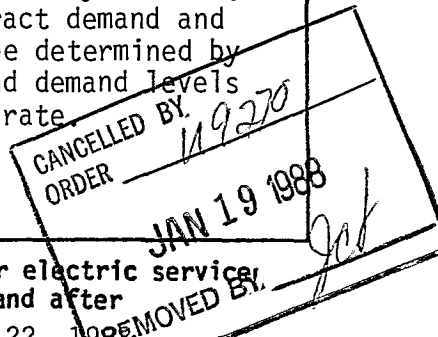
Where energy received under this service is not separately metered, service under the WP-1 rate shall be billed at contract demand and load factor. Contract demand and load factor will be determined by analyzing the customer's billing history. Energy and demand levels exceeding those amounts will be billed at the WP-11 rate.

Issued October 20, 1988 by

E. Argentati
President
Houghton, Michigan



Effective for electric service
rendered on and after
September 22, 1988
Issued under authority of the
Michigan Public Service Commission
Dated September 22, 1988
In Case No. U-9140



RATE "WP-11" - INTERRUPTIBLE SERVICE RATE (Cont'd.)

RATE:

Capacity Charge Per Month:
\$4.38 per kW

Energy Charge Per Month:
3.634¢ per kWh per month

Power Supply Cost Recovery:
This rate is subject to the Company's Power Supply Cost Recovery Clause.

MINIMUM CHARGE:

The capacity charge included in the rate multiplied by the minimum contract demand.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

CONTRACT:

This tariff will be available until July 1, 1987. Contract term will be of one or more years. The rate is available to individual customers for a period of up to one year after July 1, 1987 provided contracts are signed prior to that date.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the maximum 15 minute demand in kW.

TERMS OF PAYMENT:

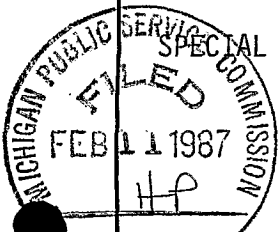
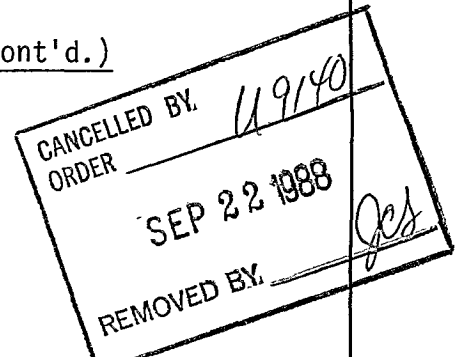
Bills are due 21 days from the date of the bill. There will be a late payment penalty of 2% of the net bill for payments received after the due date.

POWER FACTOR CLAUSE:

Should customer's power factor fall below eighty-five percent (85%) during the period of maximum use in a billing month, then the demand charge for billing purposes may, at the Company's option, be adjusted by applying a fraction, the numerator of which shall be eighty-five percent (85%), and the denominator the actual power factor. The Company may, at its option, determine the power factor by test or by permanently installed measuring equipment.

SPECIAL TERMS AND CONDITIONS:

Where energy received under this service is not separately metered, service under the WP-1 rate shall be billed at contract demand and load factor. Contract demand and load factor will be determined by analyzing the customer's billing history. Energy and demand levels exceeding those amounts will be billed at the WP-11 rate.



Issued January 12, 1987 by

E. Argenta
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE EEIA - ENERGY EFFICIENCY INCENTIVE RATE ALTERNATIVE

(THIS RATE SHALL TERMINATE THREE YEARS FROM DATE OF MPSC APPROVAL)

WHO MAY TAKE SERVICE:

To qualify, a customer must qualify for rate ED-1, but may instead choose this alternative energy efficiency incentive. To qualify, a customer must install energy consuming equipment or facilities which have a greater degree of energy efficiency than the equipment or facilities which would otherwise have been used in the customer's installation and/or which would otherwise have been engineered and fabricated for installation in the customer's facility. The customer must file an affidavit stating that the availability of this Energy Efficiency Incentive Rate was a substantial contributing factor in its decision to purchase and install and/or have engineered facilities or equipment having higher than standard energy efficiency.

TERRITORY APPLICABLE:

All territory serviced in the Company's Interconnected System.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Customer's monthly billing will be calculated at the then current WP-1 Tariff rate, then the customer will receive a discount in the WP-1 Tariff rate, the present value of which will yield to the customer between 75% and 100% of the present value of the cumulative discount which the customer would otherwise receive under Tariff ED-1, spread over an 18-month period or less. The discount rate used to determine the amount of the EEIA discount will be UPPCO's overall authorized rate of return. UPPCO, in its sole discretion, will determine the level of benefit, between 75% and 100%; and the period of spreading the benefit of the EEIA, between zero and eighteen months.

MINIMUM CHARGE:

The capacity charge based on 1,000 kW demand.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

TERM:

Discount shall be spread over a period of 18 months or less.

Continued to Sheet No. 16.8

Issued May 26, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

May 18, 1995

Issued under authority of the
Michigan Public Service Commission

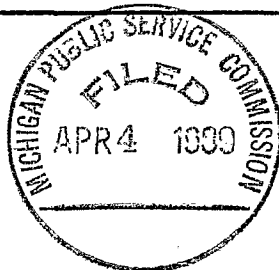
Dated May 18, 1995

In Case No. U-10835

THIS RATE SHEET WAS CANCELLED

Issued March 27, 1989 by

E. Argentati
President
Houghton, Michigan



Effective for electric service
rendered on and after

February 1, 1989

Issued under authority of the
Michigan Public Service Commission

Dated January 19, 1988

In Case No. U-9270

RATE "WP-11" - INTERRUPTIBLE SERVICE RATE (Cont'd.)

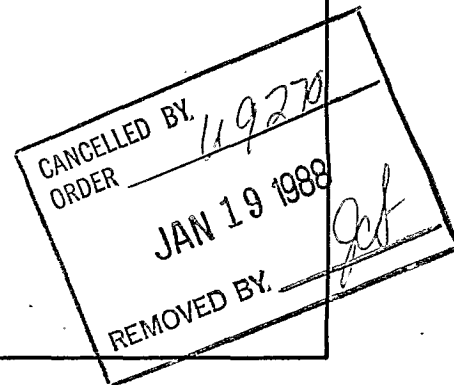
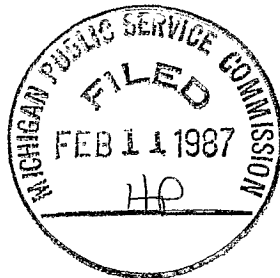
If the customer's maximum demand exceeds the sum of the WP-1 and WP-11 contract demands, all excess energy will be billed at the WP-1 energy and demand rates and subsequent billings under the WP-1 and WP-11 rates will be adjusted to reflect such higher WP-1 demand.

All energy taken in excess of the WP-1 contract demand during periods of emergency interruption will be billed at the WP-1 energy and demand rates.

In the event energy is delivered by the Company under this rate when the marginal energy cost exceeds 3.5¢ per kilowatthour, the Company will deduct all related revenues and energy costs from power supply cost recovery factor calculations.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE EEIA - ENERGY EFFICIENCY INCENTIVE RATE ALTERNATIVE (Cont'd.)

TERMS OF PAYMENT:

Bills are due 21 days from the date of the bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

- (1) The maximum 15-minute demand in kW
- (2) 1,000 kW

Issued May 26, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

May 18, 1995

Issued under authority of the
Michigan Public Service Commission

Dated May 18, 1995

In Case No. U-10835

RATE "WP-3"

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand over 5,000 kW with a minimum of 500 kW of on-site generation, served at Transmission or Sub Transmission available voltages. To qualify, the customer must maintain a demand greater than 5,000 kW for three consecutive months in any twelve-month period. Once qualified for this rate schedule, Customer must attain a demand in excess of 5,000 kW once in each succeeding twelve-month period to remain eligible for this rate schedule. A minimum of 1,000 kW of interruptible load is required for interruptible service. Company retains the right to limit Interruptible loads to 8 Mw in total under this rate schedule.

Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

DISTRIBUTION SERVICE

| | |
|-----------------------------|---------------|
| Firm Demand Charge | \$0.90 per kW |
| Interruptible Demand Charge | \$0.90 per kW |

POWER SUPPLY SERVICE (Optional)

| | |
|-----------------------------|----------------|
| Firm Demand Charge | \$10.10 per kW |
| Interruptible Demand Charge | \$2.60 per kW |

| | |
|------------------------|---------------|
| On Peak Energy Charge | \$0.03025/kWh |
| Off Peak Energy Charge | \$0.02000/kWh |

MINIMUM CHARGE:

The capacity charge or the contract minimum, whichever is greater.

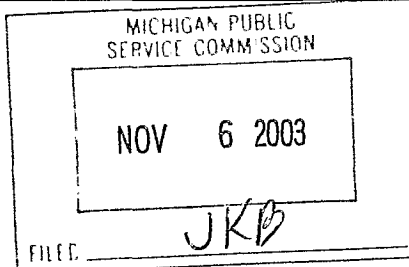
POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

Issued: 9-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin



Effective for Service
On and After: 4-17-03
Issued Under Auth. of
Mich Public Serv Comm
Dated 4-17-03
In Case No: U-12133

RATE "WP-3"

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand over 5,000 kW with a minimum of 500 kW of on-site generation, served at Transmission or Sub Transmission available voltages. To qualify, the customer must maintain a demand greater than 5,000 kW for three consecutive months in any twelve-month period. Once qualified for this rate schedule, Customer must attain a demand in excess of 5,000 kW once in each succeeding twelve-month period to remain eligible for this rate schedule. A minimum of 1,000 kW of interruptible load is required for interruptible service. Company retains the right to limit Interruptible loads to 8 Mw in total under this rate schedule.

Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

DISTRIBUTION SERVICE

| | |
|-----------------------------|---------------|
| Firm Demand Charge | \$0.90 per kW |
| Interruptible Demand Charge | \$0.90 per kW |

POWER SUPPLY SERVICE (Optional)

| | |
|-----------------------------|----------------|
| Firm Demand Charge | \$10.10 per kW |
| Interruptible Demand Charge | \$2.60 per kW |

| | |
|------------------------|---------------|
| On Peak Energy Charge | \$0.03025/kWh |
| Off Peak Energy Charge | \$0.02000/kWh |

MINIMUM CHARGE:

The capacity charge or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.

CANCELLED BY
ORDER U-12133

REMOVED BY JKB

DATE 11/6/03

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin

MICHIGAN PUBLIC
SERVICE COMMISSION

FEB 28 2003

FILED JKB

Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "WP-3" (Cont'd.)

CONTRACT: One year or more.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

- (1) The maximum 15-minute demand in kW, subject to the off-peak provision.
- (2) 60% of the greatest billing demand of the previous 11 months.
- (3) 200 kW.

OFF-PEAK HOUR PROVISION:

With respect to off-peak hours, billing demand shall be the greater of 33 1/3% of the maximum 15-minute demand in kW created during the off-peak hours or the maximum 15-minute demand in kW created during the on-peak hours; provided that the maximum off-peak demand shall not exceed the installed capability of the substation facility provided to the customer.

SCHEDULE OF OFF-PEAK HOURS: (For Demand and Energy)

Off-peak hours shall be all hours between 11:00 p.m. and 7:00 a.m., Monday through Friday and all hours of the day on Saturday, Sunday and legal holidays. Legal holidays shall include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

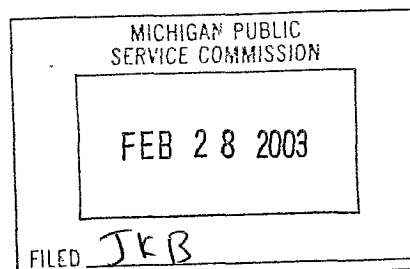
SCHEDULE OF ON-PEAK HOURS: (For Demand and Energy)

On-peak hours shall be all hours between 7:00 a.m. and 11:00 p.m., Monday through Friday not including legal holidays described in Off Peak hours.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

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By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



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Dated 12-20-02
In Case No: U-13497

RATE "WP-3" (Cont'd.)

Interruptible Option.

1. CONTRACTS

Customers desiring interruptible service shall be required to sign individual customer contracts. Customer contracts shall have a minimum term of five years with a four-year cancellation notice. After December 31, 2003, customers desiring the commencement of interruptible service at the start of or during a calendar year shall be required to sign a contract prior to May 15th of the preceding year, unless otherwise approved by the company. Normally customers that are both new and unanticipated may contract for service at any time.

Company reserves the right to deny interruptible service if customer is not able to demonstrate reasonable ability to comply with interruptible requirements.

Unless mutually agreed otherwise by the parties, the contract shall be in effect for a minimum initial term of five years, and from year to year thereafter unless the company or the customer shall, at least 48 months before the end of such period or any one year period thereafter, serve upon the other party a written notice of election to terminate service at the end of such designated period. Customer retains the same right as other firm customers to obtain power supply from an Alternate Energy Supplier.

The maximum hours of interruption in a calendar year shall not exceed 600 hours.

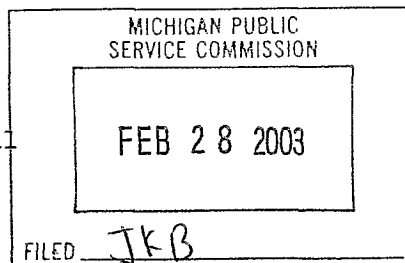
2. CONTRACTED DEMAND NOMINATIONS

Customer shall contract for a given amount of interruptible demand. The contracted interruptible demand shall be billed as interruptible demand at the appropriate interruptible demand charge. Any excess monthly demands above the interruptible demand shall be considered as firm demand.

Nomination Revisions: Demand nominations shall be revised at least annually on or before May 15th to cover the next succeeding five calendar years. Said revision shall delete data for expired demand nominations and add additional nominations to cover a complete 60-month period. On any revision the re-nomination of any demands for any year shown in a previous nomination or revision of a previous nomination is permitted; provided however, that said revision cannot include any of the following except as allowed in paragraph 2.a., unless otherwise approved by the company:

- a decrease in firm demand;
- a decrease in interruptible demand;
- an increase in interruptible demand in conjunction with a comparable decrease in firm demand.

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Dated 12-20-02
In Case No: U-13497

RATE "WP-3" (Cont'd.)

The company shall approve all requests for increases in firm demand, subject to the conditions of paragraph 8.

Should a customer fail to supply revised demand nominations for the next five calendar years on or before May 15th, the customer's demand nominations on file with the Company for the next four calendar years shall be used. The year four nomination will be used for the new year five nomination.

a. Demand Nomination Revisions

The annual revision of demand nominations from previous years may include a decrease in firm demand (On Peak Demand Period), decrease in interruptible demand or an increase in interruptible demand in conjunction with a comparable decrease in firm demand (On Peak Demand Period) at the time of the annual revision according to one of the following two re-nomination options:

- 1) The above nominations for the next calendar year may be reduced by 5% (Option 1) or 25% (Option 2) (rounded up to nearest 100 Kw) of the firm nomination (On Peak Demand Period) plus interruptible shown for this calendar year on the latest effective nomination. The company reserves the right to limit to plus or minus 5 Mw the total adjustments by all customers selecting Option 2. The total adjustment shall be determined by the total increase in firm nominations minus the total increase in fixed interruptible nominations (a decrease is a negative increase).
- 2) The above nominations for the second calendar year may be reduced by 5% (Option 1) or 0% (Option 2) (rounded up to nearest 100 Kw) of the firm nomination (On Peak Demand Period) plus interruptible shown for this calendar year on the latest effective nomination.
- 3) The above nominations for the third calendar year may be reduced by 10% (Option 1) or 0% (Option 2) (rounded up to nearest 100 Kw) of the firm nomination (On Peak Demand Period) plus interruptible shown for this calendar year on the latest effective nomination.
- 4) The above nominations for the fourth calendar year may be reduced by 15% (Option 1) or 0% (Option 2) (rounded up to nearest 100 Kw) of the firm nomination (On Peak Demand Period) plus interruptible shown for this calendar year on the latest effective nomination.
- 5) There are no restrictions on the reductions permitted for firm nominations effective for the Off Peak demand periods.
- 6) The re-nomination option for a calendar year must be chosen at the time of the first required re-nomination for that calendar year and shall not be changed, unless otherwise approved by the company. For customers with new interruptible contracts, Option 1 shall apply for the first three calendar years.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin

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On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
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RATE "WP-3" (Cont'd.)

3. INTERRUPTION NOTICE

The company shall endeavor to provide notice of interruption with as much lead time as possible. Notice to interrupt will be by a signal to designated equipment of the customer or, at the discretion of the company, through some designated verbal means. Under normal circumstances, a minimum of the contracted notice period of one hour will be given before each interruption. This is subject to change due to unmanageable capacity situations which could require interruption of loads to maintain system standards of operations. The normal interruption will range from two to ten hours.

4. INTERRUPTION FREQUENCY AND LENGTH

- a. There shall be no guarantee by the company as to the length or number of interruptions.
- b. The minimum requested length of interruption shall be two hours.
- c. The company will endeavor to keep the length and number to a minimum.
- d. The company will equalize the hours of interruption on an annual basis for all customers taking service under this interruptible rider to the extent reasonably practical.
- e. If the total hours of requested interruption equals the maximum contracted hours of interruption during any calendar year, the customer's interruptible load will have the same firmness as the company's other firm load for the balance of the calendar year.

5. CONDITIONS UNDER WHICH INTERRUPTIONS ARE ALLOWED

Normal company procedures for implementation of interruption are most likely to occur when the system demand, required operating reserves, and firm transaction sales cannot be supplied by available generating capacity plus purchased energy or when the required purchased energy is available, but at a cost significantly higher than the cost of typical company peaking generation. For purposes of interruption these high cost purchases shall be considered "capacity related purchases" and shall be defined as occurring when costs are expected to significantly exceed the cost of typical company peaking generation for at least 3 hours. A 'Capacity Related Purchase' is a purchase that is greater than or equal to the 'Economic Interruption Trigger Price'. The Economic Interruption Trigger Price shall be \$0.08/kWH.

Issued: 9-29-05
By J F Schott
VP - Regulatory Affairs
Green Bay, Wisconsin

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Dated: 9-20-05
In Case No: U-14556

RATE "WP-3" (Cont'd.)

3. INTERRUPTION NOTICE

The company shall endeavor to provide notice of interruption with as much lead time as possible. Notice to interrupt will be by a signal to designated equipment of the customer or, at the discretion of the company, through some designated verbal means. Under normal circumstances, a minimum of the contracted notice period will be given before each interruption. This is subject to change due to unmanageable capacity situations which could require interruption of loads to maintain system standards of operations. The normal interruption will range from two to ten hours.

4. INTERRUPTION FREQUENCY AND LENGTH

- a. There shall be no guarantee by the company as to the length or number of interruptions.
- b. The minimum requested length of interruption shall be two hours.
- c. The company will endeavor to keep the length and number to a minimum.
- d. The company will equalize the hours of interruption on an annual basis for all customers taking service under this interruptible rider to the extent reasonably practical.
- e. If the total hours of requested interruption equals the maximum contracted hours of interruption during any calendar year, the customer's interruptible load will have the same firmness as the company's other firm load for the balance of the calendar year.

5. CONDITIONS UNDER WHICH INTERRUPTIONS ARE ALLOWED

Normal company procedures for implementation of interruption are most likely to occur when the system demand, required operating reserves, and firm transaction sales cannot be supplied by available generating capacity plus purchased energy or when the required purchased energy is available, but at a cost significantly higher than the cost of typical company peaking generation. For purposes of interruption these high cost purchases shall be considered "capacity related purchases" and shall be defined as occurring when costs are expected to significantly exceed the cost of typical company peaking generation for at least 3 hours. A 'Capacity Related Purchase' is a purchase that is greater than or equal to the 'Economic Interruption Trigger Price'. The Economic Interruption Trigger Price shall be \$0.08/kWH.

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By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin

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RATE "WP-3" (Cont'd.)

When "capacity related purchases" are not available to the company the interruption shall be considered a "supply/demand emergency" interruption. Said unplanned condition could occur due to forced outages of generating or transmission equipment or cancellation by others of one or more of our purchased power transactions or greater than expected load. Prior to interruption, the company will generally implement available generating capacity, purchase energy to the extent reasonably possible, and curtail non-firm sales of interchange energy, except for non-firm sales necessary to maintain the reliability of the bulk power system. Except for audit purposes, this interruptible service shall normally have a degree of firmness second only to system firm demand, contractual firm sales, emergency non-firm sales, and reserve margin. Interruptions will not be made for system economy reasons unless power system reliability is threatened.

6. BUYOUTS

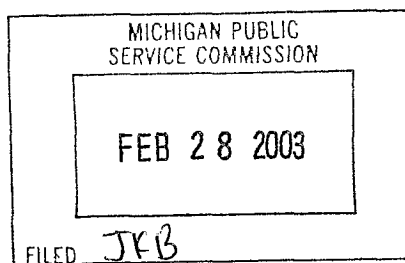
In the case of interruption notices for "capacity related purchases," the customer will be informed that a buyout is available at a buyout rate not to exceed 10¢/Kwh, 15¢/Kwh, 20¢/Kwh, 25¢/Kwh, 35¢/Kwh, 50¢/Kwh, 75¢/Kwh (continuing in 25¢/Kwh increments) for all energy above the customer's firm demand nomination consumed during the actual interruption period. Customers shall be billed the lower of the applicable buyout rate for the hour or the actual purchase price of power purchased to serve the interruptible customer times 1.1. The buyout rate may change during an interruption from that initially quoted. Buyouts are not permitted when the company is not able to make "capacity related purchases." Company retains the right to require customer to contract for consumption and price levels prior to making buyout available.

7. PENALTY PROCEDURE

When notified of an interruption, the customer shall take the following action:

- 1) Reduce load to at or below the average actual total demand during the last two complete 15 minute demand integration periods prior to the interruption notification less the interruptible demand nomination (In no event will the customer be expected to reduce load below zero Kw); or
- 2) At the customer's option, if back-up generation is started to supply the interruptible load, the generation output, as metered by the company, shall remain at or above the interruptible demand nomination.

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In Case No: U-13497

RATE "WP-3" (Cont'd.)

R Failure to comply with either 1 or 2 when notified for an interruption
R shall result in the customer being penalty billed the incremental costs
R incurred by the Company as a result of the customer's failure to comply.
R Incremental costs include but are not limited to purchase power costs,
R energy imbalance and other MISO fees, and fees and costs dictated by the
R applicable regional reliability council.

Each declaration of an interruption shall be considered an occurrence.

An exception shall be allowed to the above penalty billing procedure for purposes of maintenance of customer owned generation and/or equipment that is pre-approved by the company. The Customer shall make requests in writing and Company will approve or deny in writing in a timely manner. Waivers are permitted are available for up to ten days per calendar year. The Company, at its sole discretion, has the right to deny request from Customer for system reliability reasons or if there is a risk of an interruption.

The customer agrees to endeavor to reduce demand (or increase generation) to a level not to exceed the specified contract demand or some higher load (or lower generation) level requested by the company, in accordance with the timetable requested by the company. It is understood that failure to comply with the timetable requested may result in the forced interruption of electric service to the customer's total demand at time of unmanageable load conditions for the company. Penalty billing in accordance with this clause shall occur if:

- 1) The company provided a minimum of the contracted notice to interrupt in advance and the customer fails to eliminate the interruptible demand which is designated for interruption by the time requested, or,
- 2) The company provides less than the contracted notice to interrupt, the contracted notice period has expired, and the customer has not eliminated at least 100% of the interruptible demand which is designated for interruption.

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By J F Schott
VP - Regulatory Affairs
Green Bay, Wisconsin

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In Case No: U-14556

RATE "WP-3"
(Cont'd.)

Failure to comply with either 1 or 2 when notified for an emergency interruption shall result in the customer being penalty billed the greater of the following:

- a) The demand difference between the maximum load (or minimum generation) on line during the interruption and the specified load (or generation) levels above. This demand difference will be billed at a rate equal to \$50/kW.
- b) All interruptible kWh used during the interruption period billed at the Company's marginal energy costs plus 110%.

Failure to comply with either 1 or 2 when notified of a capacity related purchase interruption and the customer has not elected to buyout of the interruption, the interruptible kilowatt hours shall be billed at 2 times the applicable buyout charge.

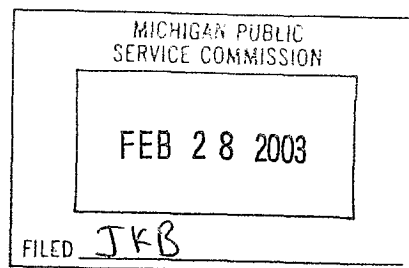
Each declaration of an interruption shall be considered an occurrence.

An exception shall be allowed to the above penalty billing procedure for purposes of maintenance of customer owned generation and/or equipment that is pre-approved by the company. The Customer shall make requests in writing and Company will approve or deny in writing in a timely manner. Waivers are permitted are available for up to ten days per calendar year. The Company, at its sole discretion, has the right to deny request from Customer for system reliability reasons or if there is a risk of an interruption.

The customer agrees to endeavor to reduce demand (or increase generation) to a level not to exceed the specified contract demand or some higher load (or lower generation) level requested by the company, in accordance with the timetable requested by the company. It is understood that failure to comply with the timetable requested may result in the forced interruption of electric service to the customer's total demand at time of unmanageable load conditions for the company. Penalty billing in accordance with this clause shall occur if:

- 1) The company provided a minimum of the contracted notice to interrupt in advance and the customer fails to eliminate the interruptible demand which is designated for interruption by the time requested, or,
- 2) The company provides less than the contracted notice to interrupt, the contracted notice period has expired, and the customer has not eliminated at least 100% of the interruptible demand which is designated for interruption.

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RATE "WP-3" (Cont'd.)

8. FIRM SERVICE REQUESTS

Upon notice of cancellation or reduction of interruptible service, the company will endeavor to supply the interruptible load on a firm basis at that date or as soon thereafter as reasonably possible. A notice of cancellation shall be treated as a request for firm service, unless specified otherwise by the customer, as of the date of cancellation. Requests for increases in firm demand shall be treated as requests for firm service as of the requested date. Such requests shall take precedence over any subsequent request for firm service by any customer or potential customer that is not specifically reflected in the most current revision of the company's long range capacity plan. It is further agreed that any portion of the interruptible demand that cannot be served as firm demand, and is still desired by the customer, shall continue to be considered and billed as interruptible demand in accordance with this clause until that load obtains firm status.

9. AUDITS

An interruptibility audit shall not be performed by the company if the customer experienced an actual interruption excluding buyouts that was successfully implemented and recorded within the last six months. The interruptibility audits shall normally not be required more often than once a year during summer months and once at or near each winter On Peak Period. The necessity of an actual interruption or acceptance of other means of verifying ability to interrupt shall be under the sole control of the company. It is the intent of the company that the duration of interruptions for audit purposes will not be extended beyond the time necessary to satisfy the conditions of the audit. Penalty billing will apply if an actual interruption for audit purposes is not successfully completed.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin

MICHIGAN PUBLIC
SERVICE COMMISSION

FEB 28 2003

FILED

JKB

Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

Commercial Power - Interruptible Rider "CP-I"

WHO MAY TAKE SERVICE:

Any customer taking service under the WP-3 tariff or the Schedule A tariff.

1. CONTRACTS

Customers desiring interruptible service shall be required to sign individual customer contracts. Customer contracts shall have a minimum term of five years with a two year cancellation notice. After (date rate effective plus one month), customers desiring the commencement of interruptible service at the start of or during a calendar year shall be required to sign a contract prior to April 15th of the preceding year, unless otherwise approved by the company. Normally customers that are both new and unanticipated may contract for service at any time.

Company reserves the right to deny interruptible service if customer is not able to demonstrate reasonable ability to comply with interruptible requirements.

Unless mutually agreed otherwise by the parties, the contract shall be in effect for a minimum initial term of five years, and from year to year thereafter unless the company or the customer shall, at least 24 months before the end of such period or any one year period thereafter, serve upon the other party a written notice of election to terminate service at the end of such designated period. Customer retains the same right as other firm customers to obtain power supply from an Alternate Energy Supplier.

The maximum hours of interruption in a calendar year shall not exceed 600 hours.

2. CONTRACTED DEMAND NOMINATIONS

Customer shall contract for a given amount of firm and interruptible demand. Customer may elect to contract specific amounts for each month of the calendar year or may choose to contract the same amount each month.

a. Variable Interruptible Demand

The contracted firm demand shall be billed as the system demand at the appropriate system demand charge. Any excess monthly demands above the firm demand shall be considered as variable interruptible demand.

- b. Nomination Revisions: Demand nominations shall be revised at least annually on or before April 15th to cover the first succeeding calendar year and before September 15th to cover the second through the fifth succeeding calendar years. Said revision shall delete data for expired demand nominations and add additional nominations to cover a complete 60 month period. On any revision the renomination of any demands for any year shown in a previous nomination or revision of a previous nomination is permitted; provided however, that said revision cannot include any of the following except as allowed in paragraph 2.c, unless otherwise approved by the company:

Continued on Sheet No. 17.01

Issued: 6-27-06
By J F Schott
VP - Regulatory Affairs
Green Bay, Wisconsin

Effective for Service
On and After 6-28-06
Issued Under Auth. of
Mich Public Serv Comm
Dated 6-27-06
In Case No: U-14745

RATE "M-1" - MUNICIPAL WATER PUMPING

This rate sheet was cancelled.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin

| |
|---------------------------------------|
| MICHIGAN PUBLIC SERVICE COMMISSION |
| FEB 28 2003 |
| FILED JKB |

Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "M-1" - MUNICIPAL WATER PUMPING

WHO MAY TAKE SERVICE:

Any municipality that operates its own water supply and/or sewage system. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE: DISTRIBUTION SERVICE

Service Charge:

\$8.76 per customer per month plus,

Energy Charge:

2.920¢ per kWh for all kWh

POWER SUPPLY SERVICE (Optional)

Energy Charge:

5.56¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

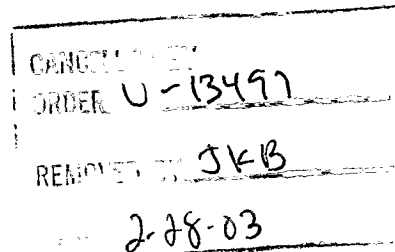
Written contract may be required.

RULES APPLYING:

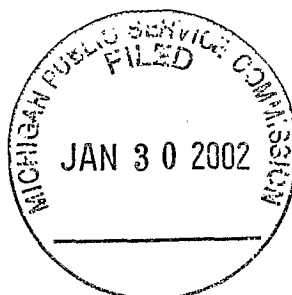
Service is governed by the Company's Standard Rules and Regulations.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.



Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12133 & U-12650

RATE "M-1" - MUNICIPAL WATER PUMPING

WHO MAY TAKE SERVICE:

Any municipality that operates its own water supply and/or sewage system.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Service Charge:
\$8.76 per customer per month plus,

Energy Charge:
8.48¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract may be required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY ORDER
IN CASE NO. U-
12650 + 12133
OCT 11 2001

REMOVED BY *Cfi*

Issued May 16, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

May 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated April 27, 1995

In Case No. U-10829

RATE "M-1" - MUNICIPAL WATER PUMPING

WHO MAY TAKE SERVICE:

Any municipality that operates its own water supply and/or sewage system.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Service Charge:
\$8.76 per customer per month plus,

Energy Charge:
8.50¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

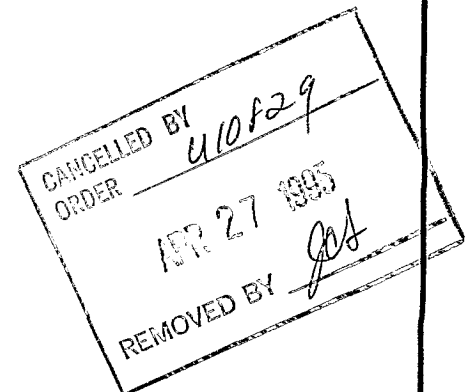
Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract may be required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued March 17, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

April 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated March 10, 1995

In Case No. U-10802

RATE "M-1" - MUNICIPAL WATER PUMPING

WHO MAY TAKE SERVICE:

Any municipality that operates its own water supply and/or sewage system.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Service Charge:
\$8.76 per customer per month plus,

Energy Charge:
8.94¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

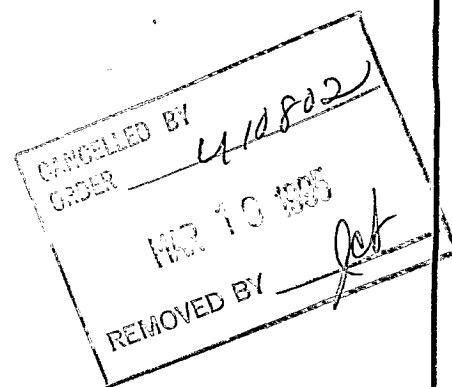
Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract may be required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued December 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "M-1" - MUNICIPAL WATER PUMPING

WHO MAY TAKE SERVICE:

Any municipality that operates its own water supply and/or sewage system.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Service Charge:
\$8.76 per customer per month plus,

Energy Charge:
8.81¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract may be required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY U-10094
ORDER
MAY 11 1993
REMOVED BY gob

Issued June 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "M-1" - MUNICIPAL WATER PUMPING

WHO MAY TAKE SERVICE:

Any municipality that operates its own water supply and/or sewage system.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Service Charge:
\$8.70 per customer per month plus,

Energy Charge:
8.94¢ per kwh for all kwh

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract may be required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY 410094
ORDER
MAY 11 1993
REMOVED BY JS

Issued January 3, 1992

C. Fisher
President
Houghton, Michigan



Effective: Bills issued for the first
billing cycle on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "M-1" - MUNICIPAL WATER PUMPING

WHO MAY TAKE SERVICE:

Any municipality that operates its own water supply and/or sewage system.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Service Charge:
\$8.70 per customer per month plus,

Energy Charge:
8.81¢ per kwh for all kwh

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

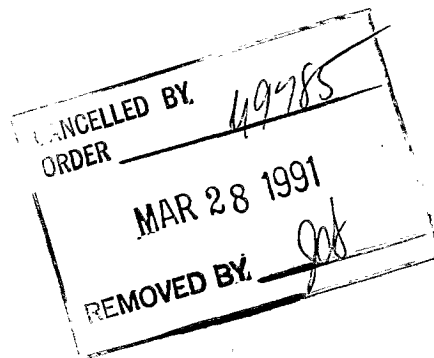
Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract may be required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and
after May 1, 1991

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "M-1" - MUNICIPAL WATER PUMPING

WHO MAY TAKE SERVICE:

Any municipality that operates its own water supply and/or sewage system.

TERRITORY APPLICABLE:

ALL territory served in the Company's interconnected system.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Service Charge:

\$8.70 per customer per month plus,

Energy Charge:

8.78¢ per kwh for all kwh

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

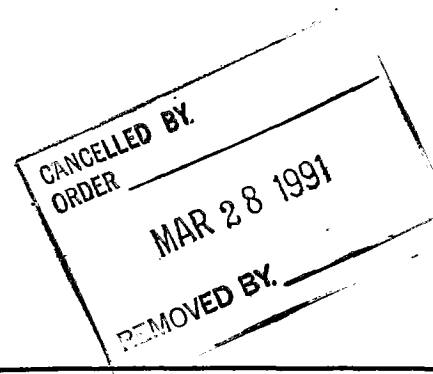
Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract may be required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued September 2, 1988 by

E. Argentati
President
Houghton, Michigan



Effective with the
September 1988 billing cycle

Issued under authority of the
Michigan Public Service Commission

Dated August 23, 1988

In Case No. U-9127

RATE "M-1" - MUNICIPAL WATER PUMPING

WHO MAY TAKE SERVICE:

Any municipality that operates its own water supply and/or sewage system.

TERRITORY APPLICABLE:

ALL territory served in the Company's interconnected system.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Service Charge:
\$8.70 per customer per month plus,

Energy Charge:
8.82¢ per kwh for all kwh

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

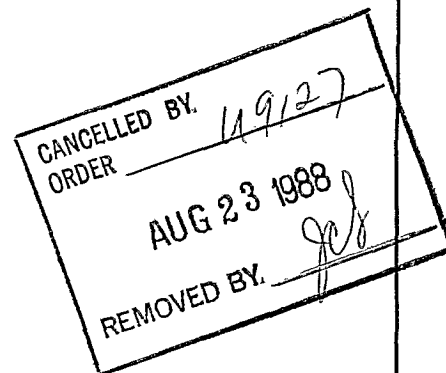
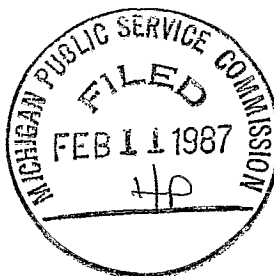
Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract may be required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

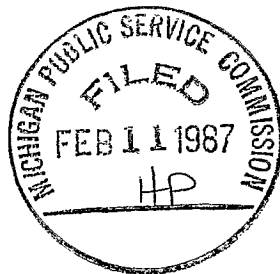
In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "SL-1" - STREET LIGHTING SERVICE

This rate sheet was cancelled.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

CANCELLED

Issued: 6-27-06
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for Service
On and After 6-28-06
Issued Under Auth. of
Mich Public Serv Comm
Dated 6-27-06
In Case No: U-14745

RATE "SL-2" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality owning its own high power factor Mercury Vapor street lighting system including poles, fixtures, wires, transformers, time switches and other accessories.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at the Company's distribution voltage.

RATE:

Per Lamp Per Year

| | <u>Lumens</u> | <u>All Night</u> |
|---|-----------------|----------------------|
| Including minor repairs, lamp cleaning and lamp renewals by the Company | 7,500 20,000 | \$ 88.14 \$170.13 |
| Additional to base rate where customer installs fixtures and accessories on existing metal or wood poles owned by the Company | | \$ 7.54 |

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

CONTRACT:

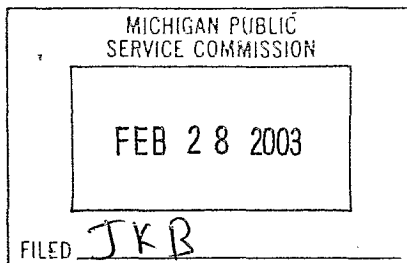
Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Closed to new business as of May 11, 1993.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "SL-2" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality owning its own high power factor Mercury Vapor street lighting system including poles, fixtures, wires, transformers, time switches and other accessories.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at the Company's distribution voltage.

RATE:

Per Lamp Per Year

| | <u>Lumens</u> | <u>All Night</u> |
|---|-----------------|----------------------|
| Including minor repairs, lamp cleaning and lamp renewals by the Company | 7,500 20,000 | \$ 80.20 \$154.80 |
| Additional to base rate where customer installs fixtures and accessories on existing metal or wood poles owned by the Company | | \$ 7.54 |

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Closed to new business as of May 11, 1993.

Issued December 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "SL-2" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality owning its own high power factor Mercury Vapor street lighting system including poles, fixtures, wires, transformers, time switches and other accessories.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at the Company's distribution voltage.

RATE:

Per Lamp Per Year

| | <u>Lumens</u> | <u>All Night</u> |
|---|-----------------|----------------------|
| Including minor repairs, lamp cleaning and lamp renewals by the Company | 7,500 20,000 | \$ 78.60 \$153.00 |
| Additional to base rate where customer installs fixtures and accessories on existing metal or wood poles owned by the Company | | \$ 7.54 |

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Closed to new business as of May 11, 1993.

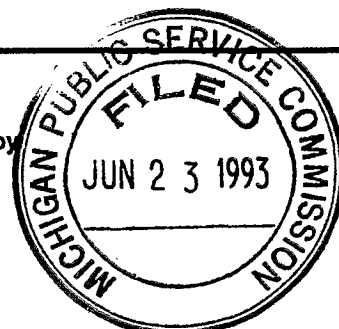
CANCELLED BY
ORDER

410094
MAY 11 1993

REMOVED BY *qcf*

Issued June 1, 1993

C. Fisher
President
Houghton, Michigan



Effective: For services rendered on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094 & U-10293

RATE "SL-2" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality owning its own high power factor Mercury Vapor street lighting system including poles, fixtures, wires, trans-formers, time switches and other accessories.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at the Company's dis-tribution voltage.

RATE:

Per Lamp Per Year

| | <u>Lumens</u> | <u>All Night</u> |
|---|-----------------|----------------------|
| Including minor repairs, lamp cleaning and lamp renewals by the Company | 7,500 20,000 | \$ 77.40 \$150.60 |
| Additional to base rate where customer installs fixtures and accessories on existing metal or wood poles owned by the Company | | \$ 7.54 |

CANCELLED BY 410094
ORDER
MAY 11 1993
REMOVED BY JCS

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued January 3, 1992 by

C. Fisher
President
Houghton, Michigan



Effective: Bills issued for the first billing cycle on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "SL-2" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality owning its own high power factor Mercury Vapor street lighting system including poles, fixtures, wires, transformers, time switches and other accessories.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at the Company's distribution voltage.

RATE:

Per Lamp Per Year

| | <u>Lumens</u> | <u>All Night</u> |
|---|-----------------|----------------------|
| Including minor repairs, lamp cleaning and lamp renewals by the Company | 7,500 20,000 | \$ 76.20 \$148.32 |
| Additional to base rate where customer installs fixtures and accessories on existing metal or wood poles owned by the Company | | |

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

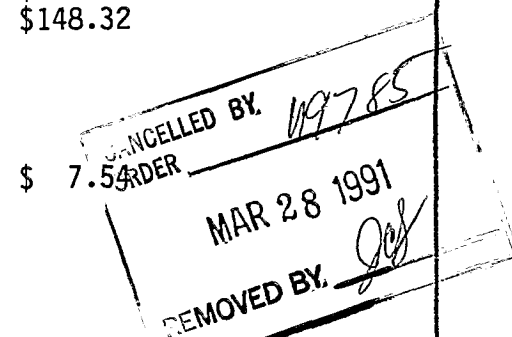
Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and
after May 1, 1991

Issued under authority of the
Michigan Public Service Commission
Dated March 28, 1991
In Case No. U-9785

RATE "SL-2" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality owning its own high power factor Mercury Vapor street lighting system including poles, fixtures, wires, transformers, time switches and other accessories.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at the Company's distribution voltage.

RATE:

Per Lamp Per Year

| | <u>Lumens</u> | <u>All Night</u> |
|---|-----------------|----------------------|
| Including minor repairs, lamp cleaning and lamp renewals by the Company | 7,500 20,000 | \$ 73.56 \$147.24 |
| Additional to base rate where customer installs fixtures and accessories on existing metal or wood poles owned by the Company | | \$ 7.54 |

CANCELLED BY
ORDER
MAR 28 1991
REMOVED BY

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued September 2, 1988 by

E. Argenta
President
Houghton, Michigan



Effective with the
September 1988 billing cycle

Issued under authority of the
Michigan Public Service Commission

Dated August 23, 1988

In Case No. U-9127

RATE "SL-2" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality owning its own high power factor Mercury Vapor street lighting system including poles, fixtures, wires, transformers, time switches and other accessories.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

HOURS OF SERVICE:

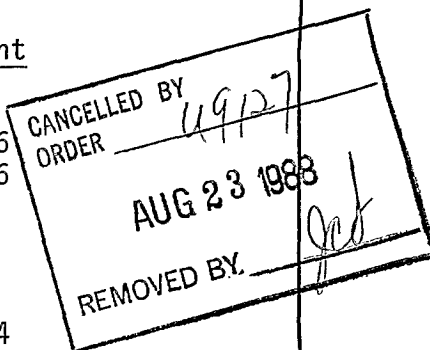
All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at the Company's distribution voltage.

RATE:

| | <u>Per Lamp Per Year</u> | |
|---|--------------------------|----------------------|
| | <u>Lumens</u> | <u>All Night</u> |
| Including minor repairs, lamp cleaning and lamp renewals by the Company | 7,000 20,000 | \$ 75.36 \$150.96 |
| Additional to base rate where customer installs fixtures and accessories on existing metal or wood poles owned by the Company | | \$ 7.54 |



MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

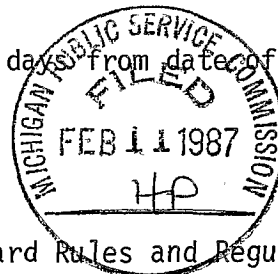
Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "SL-3" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality for customer owned, operated and maintained street lighting and/or traffic signal system.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

8.484¢ per kWh per month

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

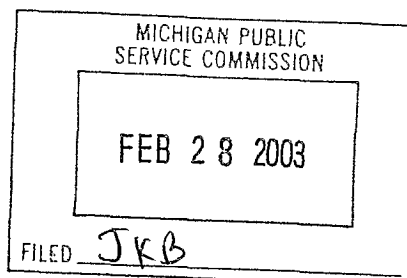
CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "SL-3" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality for customer owned, operated and maintained street lighting and/or traffic signal system.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

7.72¢ per kWh per month

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

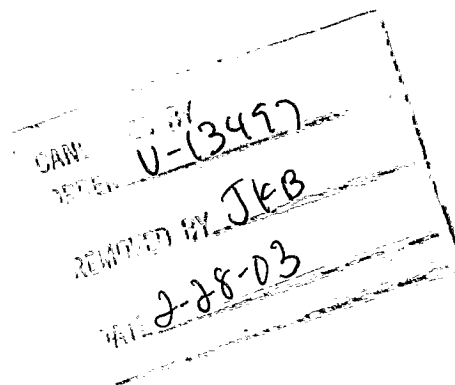
Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued December 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "SL-3" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality for customer owned, operated and maintained street lighting and/or traffic signal system.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

7.58¢ per kWh per month

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

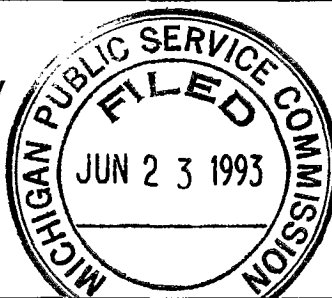
RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY U10094
ORDER
MAY 11 1993
REMOVED BY jes

Issued June 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "SL-3" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality for customer owned, operated and maintained street lighting and/or traffic signal system.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

7.68¢ per kwh per month

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

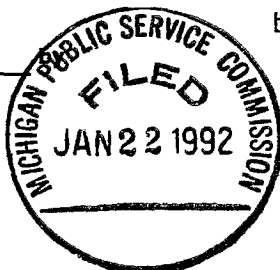
RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY. 410094
ORDER
MAY 11 1993
REMOVED BY. [Signature]

Issued January 3, 1992

C. Fisher
President
Houghton, Michigan



Effective: Bills issued for the first
billing cycle on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "SL-3" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality for customer owned, operated and maintained street lighting and/or traffic signal system.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

7.61¢ per kwh per month

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

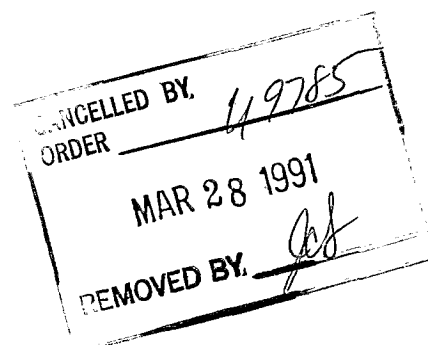
Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

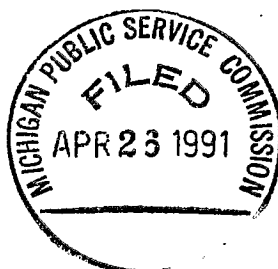
RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and
after May 1, 1991

Issued under authority of the
Michigan Public Service Commission
Dated March 28, 1991
In Case No. U-9785

RATE "SL-3" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality for customer owned, operated and maintained street lighting and/or traffic signal system.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

7.55¢ per kwh per month

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY
ORDER
MAR 28 1991
REMOVED BY

Issued September 2, 1988 by

E. Argentati
President
Houghton, Michigan



Effective with the
September 1988 billing cycle

Issued under authority of the
Michigan Public Service Commission

Dated August 23, 1988

In Case No. U-9127

RATE "SL-3" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality for customer owned, operated and maintained street lighting and/or traffic signal system.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

7.73¢ per kwh per month

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

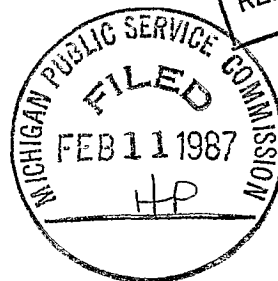
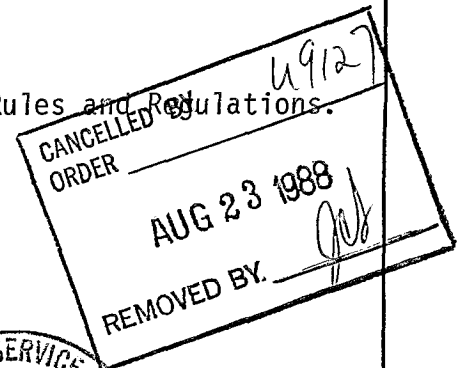
Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "SL-4" STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting system as available.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at Company's distribution voltage.

RATE:

Per Lamp Per Year

Lumens

7,500 (Mercury Vapor)
20,000 (Mercury Vapor)

All Night

\$113.42
\$208.15

Additional to base rate where
customer requires added pole
and span for this service.

\$ 18.70

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

CONTRACT:

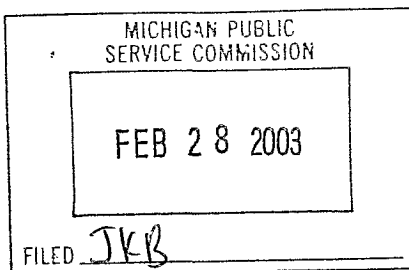
Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Closed to new business as of May 11, 1993.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "SL-4" STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting system as available.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at Company's distribution voltage.

RATE:

Per Lamp Per Year

| <u>Lumens</u> | | <u>All Night</u> |
|---------------|-----------------|------------------|
| 7,500 | (Mercury Vapor) | \$103.20 |
| 20,000 | (Mercury Vapor) | \$189.40 |

Additional to base rate where customer requires added pole and span for this service.

\$ 18.70

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Closed to new business as of May 11, 1993.

U-13497
JKB
2-28-03

Issued December 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "SL-4" STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting system as available.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at Company's distribution voltage.

RATE:

Per Lamp Per Year

| <u>Lumens</u> | | <u>All Night</u> |
|---------------|-----------------|------------------|
| 7,500 | (Mercury Vapor) | \$100.80 |
| 20,000 | (Mercury Vapor) | \$185.00 |

Additional to base rate where customer requires added pole and span for this service.

\$ 18.70

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Closed to new business as of May 11, 1993.

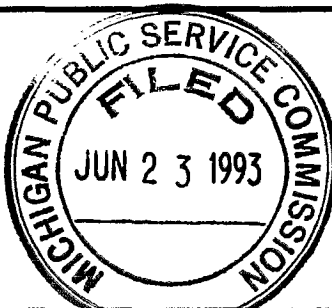
CANCELLED BY
ORDER

MAY 11 1993

REMOVED BY

Issued June 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094 & U-10293

RATE "SL-4" STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting system as available.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at Company's distribution voltage.

RATE:

Per Lamp Per Year

Lumens

7,500 (Mercury Vapor)
20,000 (Mercury Vapor)

All Night

\$98.35
\$182.28

Additional to base rate where
customer requires added pole,
and span for this service.

\$ 18.70

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY
ORDER

MAY 11 1993

REMOVED BY

Issued January 3, 1992 by

C. Fisher
President
Houghton, Michigan



Effective: Bills issued for the first
billing cycle on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "SL-4" STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting system as available.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at Company's distribution voltage.

RATE:

Per Lamp Per Year

| | |
|---------------|-----------------|
| <u>Lumens</u> | |
| 7,500 | (Mercury Vapor) |
| 20,000 | (Mercury Vapor) |

| |
|------------------|
| <u>All Night</u> |
| \$96.84 |
| \$179.52 |

Additional to base rate where customer requires added pole and span for this service.

\$ 18.70

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

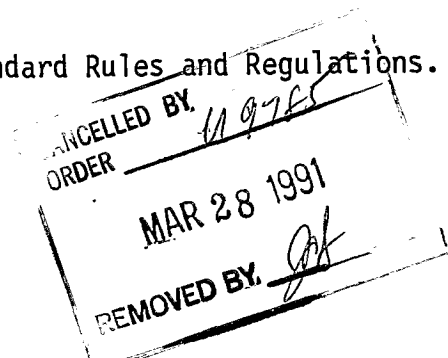
Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and after May 1, 1991

Issued under authority of the
Michigan Public Service Commission
Dated March 28, 1991
In Case No. U-9785

RATE "SL-4" STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting system as available.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at Company's distribution voltage.

RATE:

Per Lamp Per Year

Lumens

7,500 (Mercury Vapor)
20,000 (Mercury Vapor)

All Night

\$ 96.12
\$178.08

Additional to base rate where
customer requires added pole
and span for this service.

\$ 18.70

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY
ORDER

MAR 28 1991

REMOVED BY

Issued September 2, 1988 by

E. Argentati
President
Houghton, Michigan



Effective with the
September 1988 billing cycle

Issued under authority of the
Michigan Public Service Commission

Dated August 23, 1988

In Case No. U-9127

RATE "SL-4" STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting system as available.

TERRITORY APPLICABLE:

All territory served by the Company.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at Company's distribution voltage.

RATE:

Per Lamp Per Year

Lumens

7,500 (Mercury Vapor)

20,000 (Mercury Vapor)

All Night

\$ 98.28

\$182.40

Additional to base rate where customer requires added pole and span for this service.

\$ 18.70

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

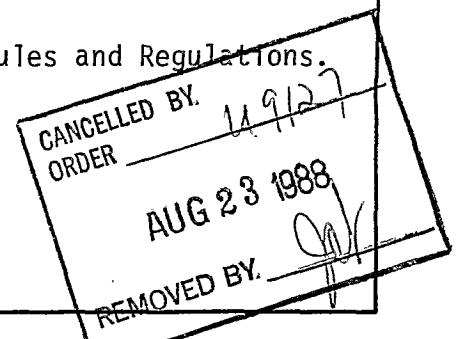
Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after
December 18, 1986

RATE "SL-5" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality owning its own high pressure Sodium Vapor street lighting system including poles, fixtures, wires, transformers, time switches and other accessories.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at the Company's distribution voltage.

RATE:

Per Lamp Per Year

| <u>Watts</u> | <u>All Night</u> |
|----------------------------------|------------------|
| 100 (High Pressure Sodium Vapor) | \$ 71.87 |
| 150 (High Pressure Sodium Vapor) | \$ 83.74 |
| 250 (High Pressure Sodium Vapor) | \$108.80 |
| 400 (High Pressure Sodium Vapor) | \$138.47 |

Including minor repairs,
lamp cleaning and lamp
renewals by the Company

Additional to base rate
where customer installs
fixtures and accessories
on existing metal or wood
poles owned by the Company

\$ 7.54

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

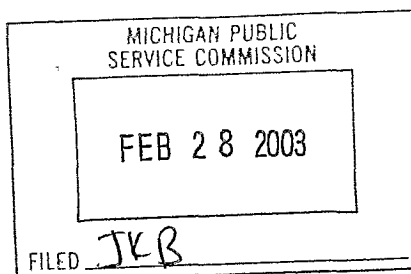
CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "SL-5" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality owning its own high pressure Sodium Vapor street lighting system including poles, fixtures, wires, transformers, time switches and other accessories.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at the Company's distribution voltage.

RATE:

Per Lamp Per Year

Watts

100 (High Pressure Sodium Vapor)
150 (High Pressure Sodium Vapor)
250 (High Pressure Sodium Vapor)
400 (High Pressure Sodium Vapor)

All Night

\$ 65.40
\$ 76.20
\$ 99.00
\$126.00

Including minor repairs,
lamp cleaning and lamp
renewals by the Company

Additional to base rate
where customer installs
fixtures and accessories
on existing metal or wood
poles owned by the Company

U-13497
JKB
2-28-03
\$ 7.54

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued December 1, 1993

by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "SL-5" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality owning its own high pressure Sodium Vapor street lighting system including poles, fixtures, wires, transformers, time switches and other accessories.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at the Company's distribution voltage.

RATE:

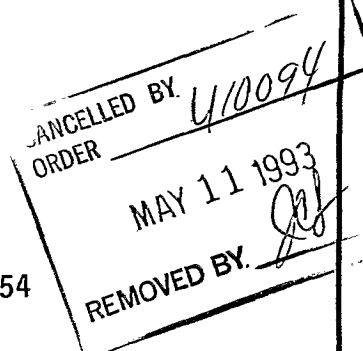
Per Lamp Per Year

| <u>Watts</u> | <u>All Night</u> |
|----------------------------------|------------------|
| 100 (High Pressure Sodium Vapor) | \$ 64.60 |
| 150 (High Pressure Sodium Vapor) | \$ 75.60 |
| 250 (High Pressure Sodium Vapor) | \$ 97.80 |
| 400 (High Pressure Sodium Vapor) | \$124.00 |

Including minor repairs,
lamp cleaning and lamp
renewals by the Company

Additional to base rate
where customer installs
fixtures and accessories
on existing metal or wood
poles owned by the Company

\$ 7.54



MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

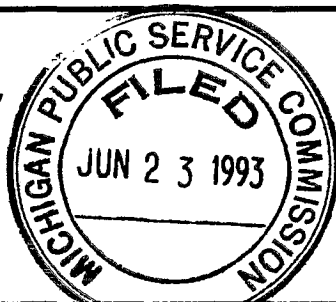
Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued June 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "SL-5" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality owning its own high pressure Sodium Vapor street lighting system including poles, fixtures, wires, transformers, time switches and other accessories.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at the Company's distribution voltage.

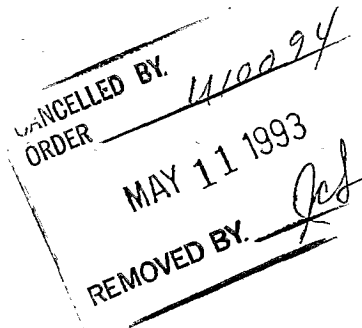
RATE:

Per Lamp Per Year

| <u>Watts</u> | <u>All Night</u> |
|----------------------------------|------------------|
| 100 (High Pressure Sodium Vapor) | \$ 63.60 |
| 150 (High Pressure Sodium Vapor) | \$ 74.28 |
| 250 (High Pressure Sodium Vapor) | \$ 96.12 |
| 400 (High Pressure Sodium Vapor) | \$121.92 |

Including minor repairs,
lamp cleaning and lamp
renewals by the Company

Additional to base rate
where customer installs
fixtures and accessories
on existing metal or wood
poles owned by the Company



\$ 7.54

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

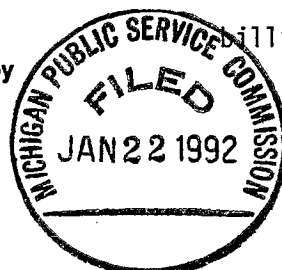
RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued January 3, 1992

by

C. Fisher
President
Houghton, Michigan



Effective: Bills issued for the first
billing cycle on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "SL-5" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality owning its own high pressure Sodium Vapor street lighting system including poles, fixtures, wires, transformers, time switches and other accessories.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at the Company's distribution voltage.

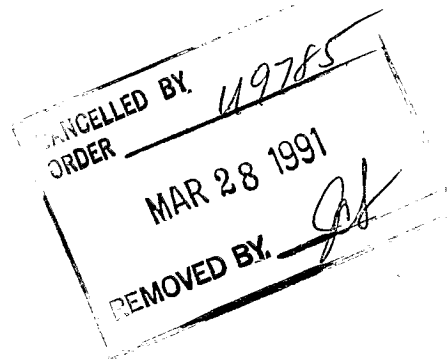
RATE:

Per Lamp Per Year

| <u>Watts</u> | <u>All Night</u> |
|----------------------------------|------------------|
| 100 (High Pressure Sodium Vapor) | \$ 62.64 |
| 150 (High Pressure Sodium Vapor) | \$ 73.20 |
| 250 (High Pressure Sodium Vapor) | \$ 94.60 |
| 400 (High Pressure Sodium Vapor) | \$120.12 |

Including minor repairs,
lamp cleaning and lamp
renewals by the Company

Additional to base rate
where customer installs
fixtures and accessories
on existing metal or wood
poles owned by the Company



\$ 7.54

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and
after May 1, 1991

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "SL-5" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality owning its own high pressure Sodium Vapor street lighting system including poles, fixtures, wires, transformers, time switches and other accessories.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at the Company's distribution voltage.

RATE:

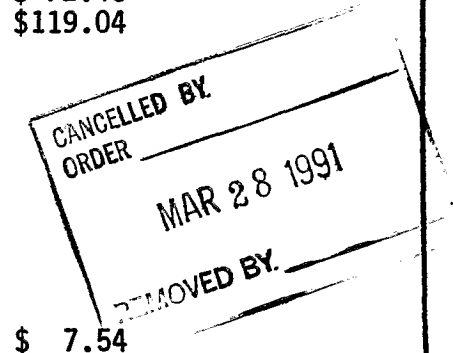
Per Lamp Per Year

| | <u>Watts</u> |
|----------------------------------|--------------|
| 100 (High Pressure Sodium Vapor) | |
| 150 (High Pressure Sodium Vapor) | |
| 400 (High Pressure Sodium Vapor) | |

| <u>All Night</u> |
|------------------|
| \$ 62.16 |
| \$ 72.48 |
| \$119.04 |

Including minor repairs,
lamp cleaning and lamp
renewals by the Company

Additional to base rate
where customer installs
fixtures and accessories
on existing metal or wood
poles owned by the Company



\$ 7.54

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

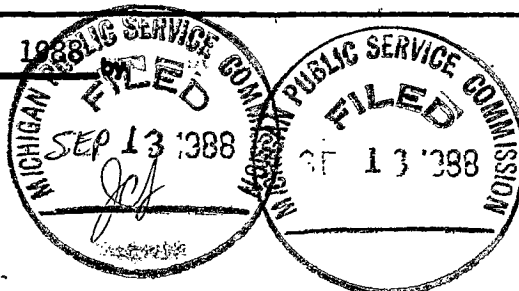
Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued September 2, 1988

E. Argenta
President
Houghton, Michigan



Effective with the
September 1988 billing cycle

Issued under authority of the
Michigan Public Service Commission

Dated August 23, 1988

In Case No. U-9127

RATE "SL-5" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality owning its own high pressure Sodium Vapor street lighting system including poles, fixtures, wires, transformers, time switches and other accessories.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at the Company's distribution voltage.

RATE:

Per Lamp Per Year

| | <u>Watts</u> |
|----------------------------------|--------------|
| 100 (High Pressure Sodium Vapor) | |
| 150 (High Pressure Sodium Vapor) | |
| 400 (High Pressure Sodium Vapor) | |

All Night

\$ 63.72
\$ 74.28
\$121.92

Including minor repairs,
lamp cleaning and lamp
renewals by the Company

Additional to base rate
where customer installs
fixtures and accessories
on existing metal or wood
poles owned by the Company

\$ 7.54

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

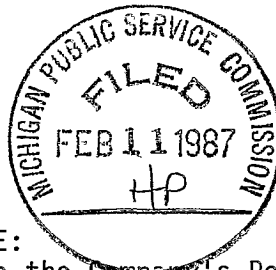
CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY. 49127
ORDER
AUG 23 1988
REMOVED BY. [Signature]



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "SL-6" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting system as available. Additions to mercury vapor lighting services are closed to new customers.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at the Company's distribution voltage.

RATE:

| <u>Sodium Vapor</u> | | <u>Per Lamp Per Month</u> |
|---------------------|--------------|---------------------------|
| <u>Lumens</u> | <u>Watts</u> | <u>All Night</u> |
| 9,000 | 100 | \$11.95 |
| 14,000 | 150 | \$14.51 |
| 27,000 | 250 | \$16.48 |
| 45,000 | 400 | \$23.18 |

Mercury Vapor

| | | |
|---------------|--------------|------------------|
| <u>Lumens</u> | <u>Watts</u> | <u>All Night</u> |
| 7,500 | 175 | \$12.19 |
| 20,000 | 400 | \$22.39 |

Metal Halide

| | | |
|---------------|--------------|------------------|
| <u>Lumens</u> | <u>Watts</u> | <u>All Night</u> |
| 36,000 | 400 | \$24.48 |
| 110,000 | 1,000 | \$45.11 |

| | |
|----------------------|-----------------------|
| | <u>Monthly Charge</u> |
| Additional Wood Pole | \$ 2.78/pole |
| Span of Conductor | \$ 2.01/span |

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

Continued on Sheet No. 21.7

Issued: 6-27-06
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for Service
On and After 6-28-06
Issued Under Auth. of
Mich Public Serv Comm
Dated 6-27-06
In Case No: U-14745

RATE "SL-6" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting system as available.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at the Company's distribution voltage.

RATE:

| | | Per Lamp Per Year |
|-------|------------------------------|-------------------|
| Watts | | All Night |
| 100 | (High Pressure Sodium Vapor) | \$112.76 |
| 150 | (High Pressure Sodium Vapor) | \$136.50 |
| 250 | (High Pressure Sodium Vapor) | \$155.62 |
| 400 | (High Pressure Sodium Vapor) | \$217.60 |

Additional to base rate where
customer requires added pole
and span for this service.

\$ 18.70

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

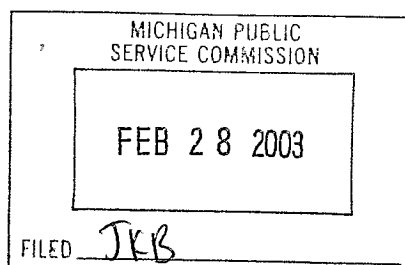
CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "SL-6" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting system as available.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at the Company's distribution voltage.

RATE:

Per Lamp Per Year

Watts

100 (High Pressure Sodium Vapor)
150 (High Pressure Sodium Vapor)
250 (High Pressure Sodium Vapor)
400 (High Pressure Sodium Vapor)

All Night

\$102.60
\$124.20
\$141.60
\$198.00

Additional to base rate where customer requires added pole and span for this service.

\$ 18.70

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued December 1, 1993

by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "SL-6" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting system as available.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at the Company's distribution voltage.

RATE:

Per Lamp Per Year

| <u>Watts</u> | <u>All Night</u> |
|----------------------------------|------------------|
| 100 (High Pressure Sodium Vapor) | \$100.80 |
| 150 (High Pressure Sodium Vapor) | \$122.40 |
| 250 (High Pressure Sodium Vapor) | \$140.40 |
| 400 (High Pressure Sodium Vapor) | \$195.00 |

Additional to base rate where customer requires added pole and span for this service.

\$ 18.70

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

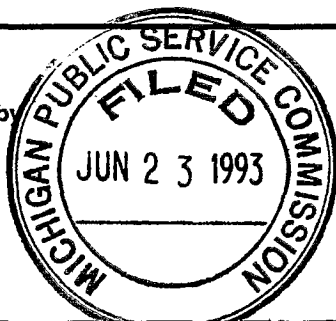
RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY
ORDER 411094
MAY 11 1993
REMOVED BY Joh

Issued June 1, 1993

C. Fisher
President
Houghton, Michigan



Effective: For services rendered on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "SL-6" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting system as available.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at the Company's distribution voltage.

RATE:

Per Lamp Per Year

Watts

All Night

100 (High Pressure Sodium Vapor)
150 (High Pressure Sodium Vapor)
250 (High Pressure Sodium Vapor)
400 (High Pressure Sodium Vapor)

\$ 99.84
\$119.04
\$138.36
\$191.88

Additional to base rate where
customer requires added pole
and span for this service.

\$ 18.70

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY
ORDER 11/0094
MAY 11 1993
REMOVED BY JCH

Issued January 3, 1992

C. Fisher
President
Houghton, Michigan



Effective: Bills issued for the first
billing cycle on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "SL-6" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting system as available.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at the Company's distribution voltage.

RATE:

Per Lamp Per Year

Watts

All Night

| | |
|----------------------------------|----------|
| 100 (High Pressure Sodium Vapor) | \$ 98.28 |
| 150 (High Pressure Sodium Vapor) | \$117.24 |
| 250 (High Pressure Sodium Vapor) | \$136.26 |
| 400 (High Pressure Sodium Vapor) | \$189.00 |

Additional to base rate where customer requires added pole and span for this service.

\$ 18.70

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and after May 1, 1991

Issued under authority of the
Michigan Public Service Commission
Dated March 28, 1991
In Case No. U-9785

CANCELLED BY: 49785
MAR 28 1991
REMOVED BY: [Signature]

RATE "SL-6" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting system as available.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at the Company's distribution voltage.

RATE:

Per Lamp Per Year

Watts

100 (High Pressure Sodium Vapor)
150 (High Pressure Sodium Vapor)
400 (High Pressure Sodium Vapor)

All Night

\$ 97.20
\$115.92
\$187.20

Additional to base rate where customer requires added pole and span for this service.

\$ 18.70

CANCELLED BY
ORDER

MAR 28 1991

REMOVED BY

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

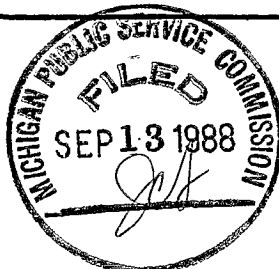
Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued September 2, 1988 by

E. Argentati
President
Houghton, Michigan



Effective with the
September 1988 billing cycle

Issued under authority of the
Michigan Public Service Commission

Dated August 23, 1988

In Case No. U-9127

RATE "SL-6" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting system as available.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

HOURS OF SERVICE:

All night - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at the Company's distribution voltage.

RATE:

Per Lamp Per Year

Watts

100 (High Pressure Sodium Vapor)
150 (High Pressure Sodium Vapor)
400 (High Pressure Sodium Vapor)

All Night

\$ 99.60
\$118.80
\$191.76

Additional to base rate where customer requires added pole and span for this service.

\$ 18.70

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

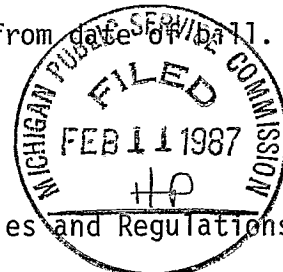
RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY
ORDER

49/27
AUG 23 1988

REMOVED BY



Issued January 12, 1987 by

E. Argenti
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

SPECIAL FLUORESCENT STREET LIGHTING RATE

| <u>Lamp Size</u> | <u>Annual Rate</u> |
|--------------------------------|--------------------|
| 4-F100-T12 2 tubes - All Night | |
| 2 tubes - Dusk to Midnight | \$141.00/Fixture |

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

Issued December 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

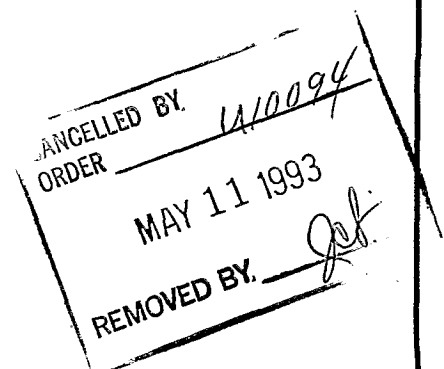
In Case No. U-10094

SPECIAL FLUORESCENT STREET LIGHTING RATE

| <u>Lamp Size</u> | <u>Annual Rate</u> |
|--|--------------------|
| 4-F100-T12 2 tubes - All Night 2 tubes - Dusk to Midnight | \$138.60/Fixture |

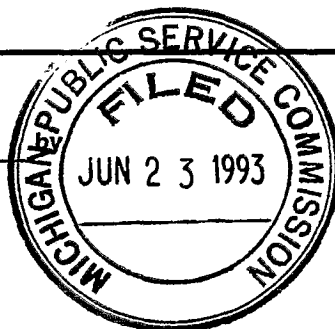
POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.



Issued June 1, 1993

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

SPECIAL FLUORESCENT STREET LIGHTING RATE

| <u>Lamp Size</u> | <u>Annual Rate</u> |
|--|--------------------|
| 4-F100-T12 2 tubes - All Night 2 tubes - Dusk to Midnight | \$130.80/Fixture |

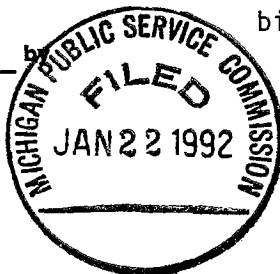
POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

CANCELLED BY 410094
ORDER
MAY 11 1993
REMOVED BY JS

Issued January 3, 1992

C. Fisher
President
Houghton, Michigan



Effective: Bills issued for the first
billing cycle on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

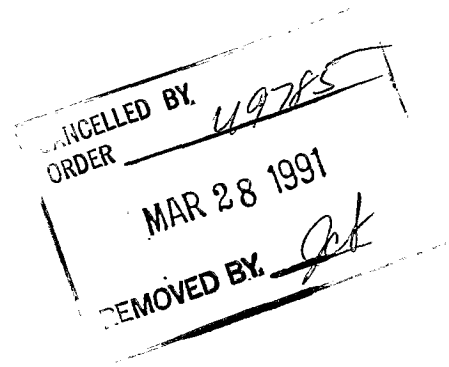
SPECIAL FLOURESCENT STREET LIGHTING RATE

CITY OF ISHPEMING

| <u>Lamp Size</u> | <u>Annual Rate</u> |
|--|--------------------|
| 4-F100-T12 2 tubes - All Night 2 tubes - All Dusk to Midnight | \$128.76/Fixture |

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.



Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and
after May 1, 1991

Issued under authority of the
Michigan Public Service Commission
Dated March 28, 1991
In Case No. U-9785

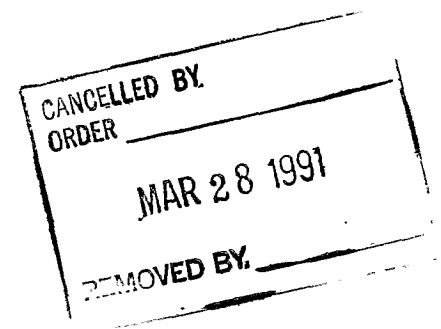
SPECIAL FLUORESCENT STREET LIGHTING RATE

CITY OF ISHPEMING

| <u>Lamp Size</u> | <u>Annual Rate</u> |
|--|--------------------|
| 4-F100-T12 2 tubes - All Night 2 tubes - Dusk to Midnight | \$127.80/Fixture |

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.



Issued September 2, 1988 by

E. Argentati
President
Houghton, Michigan



Effective with the
September 1988 billing cycle

Issued under authority of the
Michigan Public Service Commission

Dated August 23, 1988

In Case No. U-9127

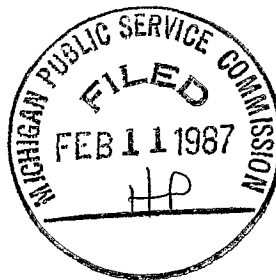
SPECIAL FLUORESCENT STREET LIGHTING RATE

CITY OF ISHPERING

| <u>Lamp Size</u> | <u>Annual Rate</u> |
|--|--------------------|
| 4-F100-T12 2 tubes - All Night 2 tubes - Dusk to Midnight | \$130.92/Fixture |

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "Z-1" - DUSK TO DAWN OUTDOOR SECURITY LIGHTING

WHO MAY TAKE SERVICE:

Any customer for dusk to dawn outdoor security lighting where customer takes service at the same premises under a standard rate schedule.

TERRITORY APPLICABLE

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120 volts.

RATE:

| <u>Lumens</u> | | <u>Monthly Charge</u> |
|---------------|-----------------|-----------------------|
| 7,500 | (Mercury Vapor) | \$ 8.79/Lamp |
| 20,000 | (Mercury Vapor) | \$16.41/Lamp |

Each lighting unit shall consist of a mast arm mounted mercury vapor fixture installed, owned, operated and maintained by the Company.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

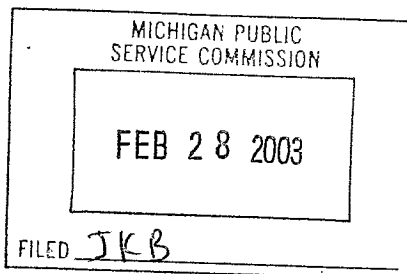
CONTRACT: One year or more.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Company will provide normal maintenance to the lighting unit including the fixture, lamp, ballast, photoelectric control, mounting brackets and all necessary wiring. Company will furnish all electric energy required for operation of unit.
- (3) Normal lamp replacement shall be the responsibility of the Company. Breakage by vandalism or malicious mischief shall be at Customer's expense.
- (4) For service under this schedule, installation of the unit must be on an existing utility pole upon which the Company's secondary lines are already attached.
- (5) Service can be extended 1 - 200 ft. span for an additional monthly charge of \$2.50. Charge will include 1 - 30-foot pole and wire, installed.
- (6) For service extensions at a cost in excess of those listed in (5) above, an extra facilities charge equal to 20% per year on such excess investment shall be made.

Closed to new business as of January 25, 1995.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "Z-1" - DUSK TO DAWN OUTDOOR SECURITY LIGHTING

WHO MAY TAKE SERVICE:

Any customer for dusk to dawn outdoor security lighting where customer takes service at the same premises under a standard rate schedule.

TERRITORY APPLICABLE

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120 volts

RATE:

| | |
|---------------|-----------------|
| <u>Lumens</u> | |
| 7,500 | (Mercury Vapor) |
| 20,000 | (Mercury Vapor) |

| |
|-----------------------|
| <u>Monthly Charge</u> |
| \$ 8.00/Lamp |
| \$14.90/Lamp |

Each lighting unit shall consist of a mast arm mounted mercury vapor fixture installed, owned, operated and maintained by the Company.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT: One year or more.

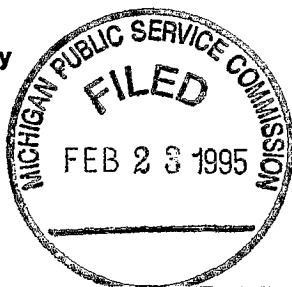
RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Company will provide normal maintenance to the lighting unit including the fixture, lamp, ballast, photoelectric control, mounting brackets and all necessary wiring. Company will furnish all electric energy required for operation of unit.
- (3) Normal lamp replacement shall be the responsibility of the Company. Breakage by vandalism or malicious mischief shall be at Customer's expense.
- (4) For service under this schedule, installation of the unit must be on an existing utility pole upon which the Company's secondary lines are already attached.
- (5) Service can be extended 1 - 200 ft. span for an additional monthly charge of \$2.50. Charge will include 1 - 30-foot pole and wire, installed.
- (6) For service extensions at a cost in excess of those listed in (5) above, an extra facilities charge equal to 20% per year on such excess investment shall be made.

Closed to new business as of January 25, 1995.

Issued February 9, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

January 25, 1995

Issued under authority of the
Michigan Public Service Commission

Dated January 25, 1995

In Case No. U-10743

RATE "Z-1" - DUSK TO DAWN OUTDOOR SECURITY LIGHTING

WHO MAY TAKE SERVICE:

Any customer for dusk to dawn outdoor security lighting where customer takes service at the same premises under a standard rate schedule.

TERRITORY APPLICABLE

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120 volts.

RATE:

| <u>Lumens</u> | | <u>Monthly Charge</u> |
|---------------|-----------------|-----------------------|
| 7,500 | (Mercury Vapor) | \$ 8.00/Lamp |
| 20,000 | (Mercury Vapor) | \$14.90/Lamp |

Each lighting unit shall consist of a mast arm mounted mercury vapor fixture installed, owned, operated and maintained by the Company.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT: One year or more.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Company will provide normal maintenance to the lighting unit including the fixture, lamp, ballast, photoelectric control, mounting brackets and all necessary wiring. Company will furnish all electric energy required for operation of unit.
- (3) Normal lamp replacement shall be the responsibility of the Company. Breakage by vandalism or malicious mischief shall be at Customer's expense.
- (4) For service under this schedule, installation of the unit must be on an existing utility pole upon which the Company's secondary lines are already attached.
- (5) Service can be extended 1 - 200 ft. span for an additional monthly charge of \$2.50. Charge will include 1 - 30-foot pole and wire, installed.
- (6) For service extensions at a cost in excess of those listed in (5) above, an extra facilities charge equal to 20% per year on such excess investment shall be made.

Issued December 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No.

U-10094

REMOVED BY

RATE "Z-1" - DUSK TO DAWN OUTDOOR SECURITY LIGHTING

WHO MAY TAKE SERVICE:

Any customer for dusk to dawn outdoor security lighting where customer takes service at the same premises under a standard rate schedule.

TERRITORY APPLICABLE

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120 volts.

RATE:

| <u>Lumens</u> | | <u>Monthly Charge</u> |
|---------------|-----------------|-----------------------|
| 7,500 | (Mercury Vapor) | \$ 7.85/Lamp |
| 20,000 | (Mercury Vapor) | \$14.55/Lamp |

Each lighting unit shall consist of a mast arm mounted mercury vapor fixture installed, owned, operated and maintained by the Company.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT: One year or more.

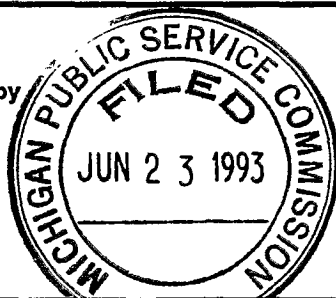
RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Company will provide normal maintenance to the lighting unit including the fixture, lamp, ballast, photoelectric control, mounting brackets and all necessary wiring. Company will furnish all electric energy required for operation of unit.
- (3) Normal lamp replacement shall be the responsibility of the Company. Breakage by vandalism or malicious mischief shall be at Customer's expense.
- (4) For service under this schedule, installation of the unit must be on an existing utility pole upon which the Company's secondary lines are already attached.
- (5) Service can be extended 1 - 200 ft. span for an additional monthly charge of \$2.50. Charge will include 1 - 30-foot pole and wire, installed.
- (6) For service extensions at a cost in excess of those listed in (5) above, an extra facilities charge equal to 20% per year on such excess investment shall be made.

Issued June 1, 1993

by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

REMOVED BY: *[Signature]*

RATE "Z-1" - DUSK TO DAWN OUTDOOR SECURITY LIGHTING

WHO MAY TAKE SERVICE:

Any customer for dusk to dawn outdoor security lighting where customer takes service at the same premises under a standard rate schedule.

TERRITORY APPLICABLE

All territory served in the Company's interconnected system.

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120 volts.

RATE:

| Lumens | Monthly Charge |
|------------------------|----------------|
| 7,500 (Mercury Vapor) | \$ 7.77/Lamp |
| 20,000 (Mercury Vapor) | \$14.28/Lamp |

Each lighting unit shall consist of a mast arm mounted mercury vapor fixture installed, owned, operated and maintained by the Company.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT: One year or more.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Company will provide normal maintenance to the lighting unit including the fixture, lamp, ballast, photoelectric control, mounting brackets and all necessary wiring. Company will furnish all electric energy required for operation of unit.
- (3) Normal lamp replacement shall be the responsibility of the Company. Breakage by vandalism or malicious mischief shall be at Customer's expense.
- (4) For service under this schedule, installation of the unit must be on an existing utility pole upon which the Company's secondary lines are already attached.
- (5) Service can be extended 1 - 200 ft. span for an additional monthly charge of \$2.50. Charge will include 1 - 30 foot pole and wire, installed.
- (6) For service extensions at a cost in excess of those listed in (5) above, an extra facilities charge equal to 20% per year on such excess investment shall be made.

Issued January 3, 1992

C. Fisher
President
Houghton, Michigan



Effective: Bills issued for the first
billing cycle on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "Z-1" - DUSK TO DAWN OUTDOOR SECURITY LIGHTING

WHO MAY TAKE SERVICE:

Any customer for dusk to dawn outdoor security lighting where customer takes service at the same premises under a standard rate schedule.

TERRITORY APPLICABLE

All territory served in the Company's interconnected system.

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally 120 volts.

RATE:

| Lumens | Monthly Charge |
|------------------------|----------------|
| 7,500 (Mercury Vapor) | \$ 7.66/Lamp |
| 20,000 (Mercury Vapor) | \$14.08/Lamp |

Each lighting unit shall consist of a mast arm mounted mercury vapor fixture installed, owned, operated and maintained by the Company.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT: One year or more.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Company will provide normal maintenance to the lighting unit including the fixture, lamp, ballast, photo-electric control, mounting brackets and all necessary wiring. Company will furnish all electric energy required for operation of unit.
- (3) Normal lamp replacement shall be the responsibility of the Company. Breakage by vandalism or malicious mischief shall be at Customer's expense.
- (4) For service under this schedule, installation of the unit must be on an existing utility pole upon which the Company's secondary lines are already attached.
- (5) Service can be extended 1 - 200 ft. span for an additional monthly charge of \$2.50. Charge will include 1 - 30 foot pole and wire, installed.
- (6) For service extensions at a cost in excess of those listed in (5) above, an extra facilities charge equal to 20% per year on such excess investment shall be made.

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and after May 1, 1991

Issued under authority of the
Michigan Public Service Commission
Dated March 28, 1991
In Case No. U-9785

RATE "Z-1" - DUSK TO DAWN OUTDOOR SECURITY LIGHTING

WHO MAY TAKE SERVICE:

Any customer for dusk to dawn outdoor security lighting where customer takes service at the same premises under a standard rate schedule.

TERRITORY APPLICABLE

All territory served in the Company's interconnected system.

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120 volts.

RATE:

| <u>Lumens</u> | |
|---------------|-----------------|
| 7,500 | (Mercury Vapor) |
| 20,000 | (Mercury Vapor) |

| <u>Monthly Charge</u> |
|-----------------------|
| \$ 7.63/Lamp |
| \$14.06/Lamp |

CANCELLED BY
ORDER

MAR 28 1991

Each lighting unit shall consist of a mast arm mounted mercury vapor fixture installed, owned, operated and maintained by the Company.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT: One year or more.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Company will provide normal maintenance to the lighting unit including the fixture, lamp, ballast, photo-electric control, mounting brackets and all necessary wiring. Company will furnish all electric energy required for operation of unit.
- (3) Normal lamp replacement shall be the responsibility of the Company. Breakage by vandalism or malicious mischief shall be at Customer's expense.
- (4) For service under this schedule, installation of the unit must be on an existing utility pole upon which the Company's secondary lines are already attached.
- (5) Service can be extended 1 - 200 ft. span for an additional monthly charge of \$2.30. Charge will include 1 - 30 foot pole and wire, installed.
- (6) For service extensions at a cost in excess of those listed in (5) above, an extra facilities charge equal to 20% per year on such excess investment shall be made.

Issued September 2, 1988 by

E. Argenta
President
Houghton, Michigan



Effective with the
September 1988 billing cycle

Issued under authority of the
Michigan Public Service Commission

Dated August 23, 1988

In Case No. U-9127

RATE "Z-1" - DUSK TO DAWN OUTDOOR SECURITY LIGHTING

WHO MAY TAKE SERVICE:

Any customer for dusk to dawn outdoor security lighting where customer takes service at the same premises under a standard rate schedule.

TERRITORY APPLICABLE

All territory served in the Company's interconnected system

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120 volts.

RATE:

| Lumens | Monthly Charge |
|------------------------|----------------|
| 7,500 (Mercury Vapor) | \$ 7.85/Lamp |
| 20,000 (Mercury Vapor) | \$14.57/Lamp |

Each lighting unit shall consist of a mast arm mounted mercury vapor fixture installed, owned, operated and maintained by the Company.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

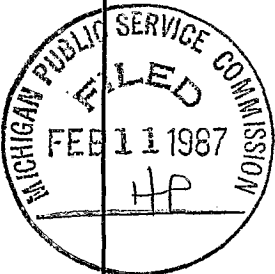
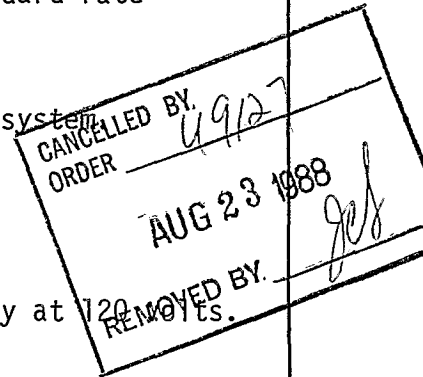
TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT: One year or more.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Company will provide normal maintenance to the lighting unit including the fixture, lamp, ballast, photo-electric control, mounting brackets and all necessary wiring. Company will furnish all electric energy required for operation of unit.
- (3) Normal lamp replacement shall be the responsibility of the Company. Breakage by vandalism or malicious mischief shall be at Customer's expense.
- (4) For service under this schedule, installation of the unit must be on an existing utility pole upon which the Company's secondary lines are already attached.
- (5) Service can be extended 1 - 200 ft. span for an additional monthly charge of \$2.30. Charge will include 1 - 30 foot pole and wire, installed.
- (6) For service extensions at a cost in excess of those listed in (5) above, an extra facilities charge equal to 20% per year on such excess investment shall be made.



Issued January 12, 1987 by

E. Argenti
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "Z-3" - DUSK TO DAWN OUTDOOR SECURITY LIGHTING

WHO MAY TAKE SERVICE:

Any customer for dusk to dawn outdoor security lighting where customer takes service at the same premises under a standard rate schedule.

TERRITORY APPLICABLE

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120 volts.

RATE:

| <u>Watts</u> | <u>Monthly Charge</u> |
|--------------------|-----------------------|
| 100 (Sodium Vapor) | \$11.15/Lamp |
| 250 (Sodium Vapor) | \$17.12/Lamp |

Each lighting unit shall consist of a mast arm mounted sodium vapor fixture installed, owned, operated and maintained by the Company.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

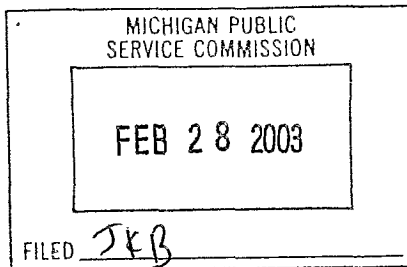
Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

CONTRACT: One year or more.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Company will provide normal maintenance to the lighting unit including the fixture, lamp, ballast, photoelectric control, mounting brackets and all necessary wiring. Company will furnish all electric energy required for operation of unit.
- (3) Normal lamp replacement shall be the responsibility of the Company. Breakage by vandalism or malicious mischief shall be at Customer's expense.
- (4) For service under this schedule, installation of the unit must be on an existing utility pole upon which the Company's secondary lines are already attached.
- (5) Service can be extended 1 - 200 ft. span for an additional monthly charge of \$2.50. Charge will include 1 - 30-foot pole and wire, installed.
- (6) For service extensions at a cost in excess of those listed in (5) above, an extra facilities charge equal to 20% per year on such excess investment shall be made.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "Z-3" - DUSK TO DAWN OUTDOOR SECURITY LIGHTING

WHO MAY TAKE SERVICE:

Any customer for dusk to dawn outdoor security lighting where customer takes service at the same premises under a standard rate schedule.

TERRITORY APPLICABLE

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120 volts.

RATE:

Watts
100 (Sodium Vapor)
250 (Sodium Vapor)

Monthly Charge
\$10.15/Lamp
\$15.55/Lamp

Each lighting unit shall consist of a mast arm mounted sodium vapor fixture installed, owned, operated and maintained by the Company.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT: One year or more.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Company will provide normal maintenance to the lighting unit including the fixture, lamp, ballast, photoelectric control, mounting brackets and all necessary wiring. Company will furnish all electric energy required for operation of unit.
- (3) Normal lamp replacement shall be the responsibility of the Company. Breakage by vandalism or malicious mischief shall be at Customer's expense.
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- (5) Service can be extended 1 - 200 ft. span for an additional monthly charge of \$2.50. Charge will include 1 - 30-foot pole and wire, installed.
- (6) For service extensions at a cost in excess of those listed in (5) above, an extra facilities charge equal to 20% per year on such excess investment shall be made.

Issued December 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "Z-3" - DUSK TO DAWN OUTDOOR SECURITY LIGHTING

WHO MAY TAKE SERVICE:

Any customer for dusk to dawn outdoor security lighting where customer takes service at the same premises under a standard rate schedule.

TERRITORY APPLICABLE

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120 volts.

RATE:

| Watts | Monthly Charge |
|--------------------|----------------|
| 100 (Sodium Vapor) | \$10.10/Lamp |
| 250 (Sodium Vapor) | \$15.50/Lamp |

Each lighting unit shall consist of a mast arm mounted sodium vapor fixture installed, owned, operated and maintained by the Company.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

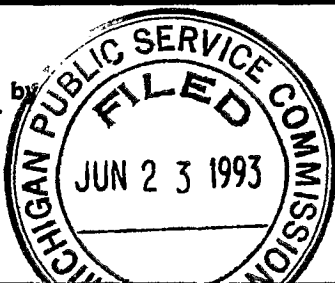
CONTRACT: One year or more.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Company will provide normal maintenance to the lighting unit including the fixture, lamp, ballast, photoelectric control, mounting brackets and all necessary wiring. Company will furnish all electric energy required for operation of unit.
- (3) Normal lamp replacement shall be the responsibility of the Company. Breakage by vandalism or malicious mischief shall be at Customer's expense.
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- (5) Service can be extended 1 - 200 ft. span for an additional monthly charge of \$2.50. Charge will include 1 - 30-foot pole and wire, installed.
- (6) For service extensions at a cost in excess of those listed in (5) above, an extra facilities charge equal to 20% per year on such excess investment shall be made.

Issued June 1, 1993

C. Fisher
President
Houghton, Michigan



Effective: For services rendered on and after May 12, 1993.

Issued under authority of the Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

ANCELLED BY

For services rendered on and after May 12, 1993.

May 11, 1993

REMOVED BY

RATE "Z-3" - DUSK TO DAWN OUTDOOR SECURITY LIGHTING

WHO MAY TAKE SERVICE:

Any customer for dusk to dawn outdoor security lighting where customer takes service at the same premises under a standard rate schedule.

TERRITORY APPLICABLE

All territory served in the Company's interconnected system.

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120 volts.

RATE:

| Watts | | Monthly Charge |
|-------|----------------|----------------|
| 100 | (Sodium Vapor) | \$ 9.66/Lamp |
| 250 | (Sodium Vapor) | \$14.82/Lamp |

Each lighting unit shall consist of a mast arm mounted sodium vapor fixture installed, owned, operated and maintained by the Company.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT: One year or more.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Company will provide normal maintenance to the lighting unit including the fixture, lamp, ballast, photo-electric control, mounting brackets and all necessary wiring. Company will furnish all electric energy required for operation of unit.
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- (5) Service can be extended 1 - 200 ft. span for an additional monthly charge of \$2.30. Charge will include 1 - 30 foot pole and wire, installed.
- (6) For service extensions at a cost in excess of those listed in (5) above, an extra facilities charge equal to 20% per year on such excess investment shall be made.

CANCELLED BY
ORDER
MAY 11 1993
REMOVED BY

Issued September 5, 1991 by

C. Fisher
President
Houghton, Michigan



Effective:

August 30, 1991

Issued under authority of the
Michigan Public Service Commission

Dated August 29, 1991

In Case No. U-9887

RATE "W-1" - OFF-PEAK WATER HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for separately metered off-peak water heating service provided the customer also takes service at the same location under any residential service rate and/or rate "C-1" and complies with the Company's specifications of an approved type water heater and installation.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

As specified by the Company but not less than 17 hours per day.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at standard available voltages.

RATE:

Service Charge:
\$1.84 per customer per month plus,

Energy Charge:
6.03¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate, plus \$.40 net per kva of transformer capacity required for service under this rate schedule in excess of 4.5 kva.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill. For commercial bills a delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Water heating service shall be measured by a separate meter on a separate circuit to which no other equipment shall be connected.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.

FILED
OR U-13497
REMOVED BY JKB
DATE 2-28-03

Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12133

RATE "W-1" - OFF-PEAK WATER HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for separately metered off-peak water heating service provided the customer also takes service at the same location under any residential service rate and/or rate "C-1" and complies with the Company's specifications of an approved type water heater and installation.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

As specified by the Company but not less than 17 hours per day.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at standard available voltages.

RATE:

Service Charge:
\$1.84 per customer per month plus,

Energy Charge:
6.03¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate, plus \$.40 net per kva of transformer capacity required for service under this rate schedule in excess of 4.5 kva.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

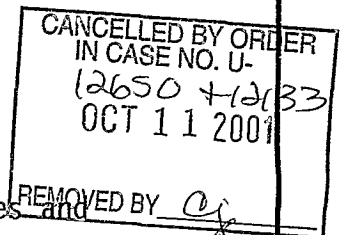
Bills are rendered net with payment due 21 days from date of bill. For commercial bills a delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Water heating service shall be measured by a separate meter on a separate circuit to which no other equipment shall be connected.



Issued May 16, 1995 by _____

C. Fisher
President
Houghton, Michigan



Effective:

May 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated April 27, 1995

In Case No. U-10829

RATE "W-1" - OFF-PEAK WATER HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for separately metered off-peak water heating service provided the customer also takes service at the same location under any residential service rate and/or rate "C-1" and complies with the Company's specifications of an approved type water heater and installation.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

As specified by the Company but not less than 17 hours per day.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at standard available voltages.

RATE:

Service Charge:
\$1.84 per customer per month plus,

Energy Charge:
6.05¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate, plus \$.40 net per kva of transformer capacity required for service under this rate schedule in excess of 4.5 kva.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

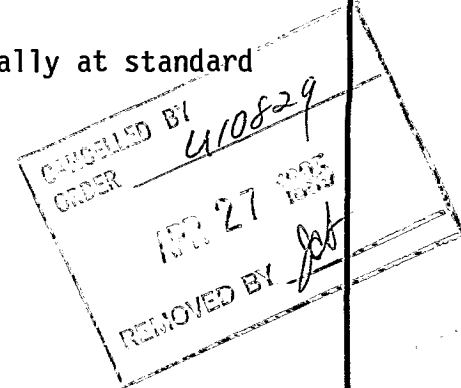
Bills are rendered net with payment due 21 days from date of bill. For commercial bills a delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Water heating service shall be measured by a separate meter on a separate circuit to which no other equipment shall be connected.



Issued December 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "W-1" - OFF-PEAK WATER HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for separately metered off-peak water heating service provided the customer also takes service at the same location under any residential service rate and/or rate "C-1" and complies with the Company's specifications of an approved type water heater and installation.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

HOURS OF SERVICE:

As specified by the Company but not less than 17 hours per day.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at standard available voltages.

RATE:

Service Charge:
\$1.84 per customer per month plus,

Energy Charge:
5.95¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate, plus \$.40 net per kva of transformer capacity required for service under this rate schedule in excess of 4.5 kva.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill. For commercial bills a delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Water heating service shall be measured by a separate meter on a separate circuit to which no other equipment shall be connected.

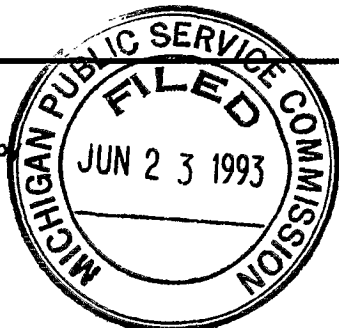
CANCELLED BY
ORDER

4/10094
MAY 11 1993

REMOVED BY *Jed*

Issued June 1, 1993

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE W-1" - OFF-PEAK WATER HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for separately metered off-peak water heating service provided the customer also takes service at the same location under any residential service rate and/or rate "C-1" and complies with the Company's specifications of an approved type water heater and installation.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

HOURS OF SERVICE:

As specified by the Company but not less than 17 hours per day.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at standard available voltages.

RATE:

Service Charge:
\$1.71 per customer per month plus,

Energy Charge:
5.94¢ per kwh for all kwh

CANCELLED BY
ORDER

MAY 11 1993

REMOVED BY

MINIMUM CHARGE:

The service charge included in the rate, plus \$.40 net per kva of transformer capacity required for service under this rate schedule in excess of 4.5 kva.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill. For commercial bills a delayed payment charge of 2% shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Water heating service shall be measured by a separate meter on a separate circuit to which no other equipment shall be connected.

Issued January 3, 1992

C. Fisher
President
Houghton, Michigan



Effective: Bills issued for the first
billing cycle on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "W-1" - OFF-PEAK WATER HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for separately metered off-peak water heating service provided the customer also takes service at the same location under any residential service rate and/or rate "C-1" and complies with the Company's specifications of an approved type water heater and installation.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

HOURS OF SERVICE:

As specified by the Company but not less than 17 hours per day.

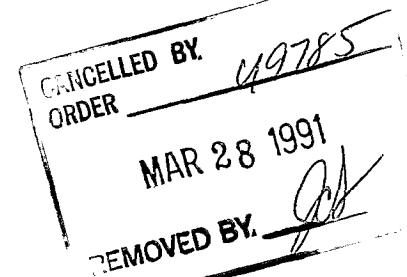
CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at standard available voltages.

RATE:

Service Charge:
\$1.70 per customer per month plus;

Energy Charge:
5.82¢ per kwh for all kwh



MINIMUM CHARGE:

The service charge included in the rate, plus \$.40 net per kva of transformer capacity required for service under this rate schedule in excess of 4.5 kva.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill. For commercial bills a delayed payment charge of 2% shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Water heating service shall be measured by a separate meter on a separate circuit to which no other equipment shall be connected.

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and after May 1, 1991

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE W-1" - OFF-PEAK WATER HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for separately metered off-peak water heating service provided the customer also takes service at the same location under any residential service rate and/or rate "C-1" and complies with the Company's specifications of an approved type water heater and installation.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

HOURS OF SERVICE:

As specified by the Company but not less than 17 hours per day.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at standard available voltages.

RATE:

Service Charge:
\$1.70 per customer per month plus,

Energy Charge:
5.82¢ per kwh for all kwh

CANCELLED BY
ORDER
MAR 28 1991
REMOVED BY

MINIMUM CHARGE:

The service charge included in the rate, plus \$.40 net per kva of transformer capacity required for service under this rate schedule in excess of 4.5 kva.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill. There will be a late payment penalty of 2% of the net bill to commercial customers for payments received after the due date.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Water heating service shall be measured by a separate meter on a separate circuit to which no other equipment shall be connected.

Issued September 2, 1988 by

E. Argentati
President
Houghton, Michigan



Effective with the
September 1988 billing cycle
Issued under authority of the
Michigan Public Service Commission
Dated August 23, 1988
In Case No. U-9127

RATE W-1" - OFF-PEAK WATER HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for separately metered off-peak water heating service provided the customer also takes service at the same location under any residential service rate and/or rate "C-1" and complies with the Company's specifications of an approved type water heater and installation.

TERRITORY APPLICABLE:

All territory served in the Company's interconnected system.

HOURS OF SERVICE:

As specified by the Company but not less than 17 hours per day.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at standard available voltages.

RATE:

Service Charge:
\$1.70 per customer per month plus,

Energy Charge:
5.91¢ per kwh for all kwh

MINIMUM CHARGE:

The service charge included in the rate, plus \$.40 net per kva of transformer capacity required for service under this rate schedule in excess of 4.5 kva.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 25.1.

TERMS OF PAYMENT:

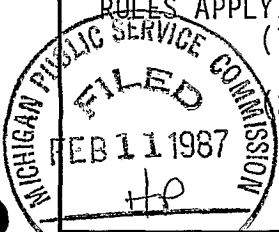
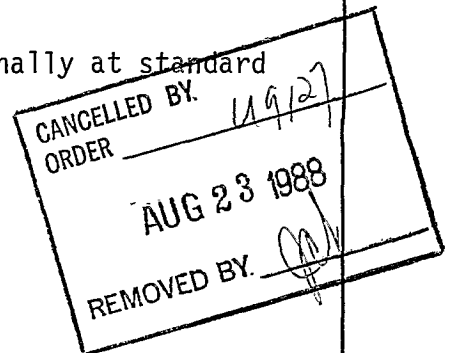
Bills are rendered net with payment due 21 days from date of bill. There will be a late payment penalty of 2% of the net bill to commercial customers for payments received after the due date.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Water heating service shall be measured by a separate meter on a separate circuit to which no other equipment shall be connected.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

POWER SUPPLY COST RECOVERY - INTEGRATED SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factors for a given month will consist of an increase or decrease of 0.010748 mills per kWh for all customers in the Integrated System for each full 0.01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 52.05 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements. Net system kWh requirements shall be the sum of net kWh generation and net kWh purchased and interchanged.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Continued on Sheet No. 25.1

Issued 4-16-07
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the billing months
of April-Dec 2007
Issued under the authority of
Mich Public Serv Comm
Dated 4-3-07
Case No. U-15006

POWER SUPPLY COST RECOVERY -- INTERCONNECTED SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factors for a given month will consist of an increase or decrease of 0.010748 mills per kWh for all customers in the Integrated System for each full 0.01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 52.05 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements. Net system kWh requirements shall be the sum of net kWh generation and net kWh purchased and interchanged.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Continued on Sheet No. 25.1

Issued 6-27-06
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the billing months
of August-Dec 2006
Issued under the authority of
Mich Public Serv Comm
Dated 6-27-06
Case No. U-14745

POWER SUPPLY COST RECOVERY
INTERCONNECTED SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factors for a given month will consist of an increase or decrease of .010794 mills per kWh for all customers in the Interconnected System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 22.59 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements. Net system kWh requirements shall be the sum of net kWh generation and net kWh purchased and interchanged.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for January through December 2006 is a positive 31.80 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Continued to Sheet No. 25.1

Issued January 16, 2006
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the 2006 plan year
Issued under the authority of
1982 PA 304, Section 6j (9) and
Michigan Public Service Comm.
Case No. U-14706

POWER SUPPLY COST RECOVERY
INTERCONNECTED SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factors for a given month will consist of an increase or decrease of .010794 mills per kWh for all customers in the Interconnected System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 22.59 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements. Net system kWh requirements shall be the sum of net kWh generation and net kWh purchased and interchanged.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for January through December 2005 is a positive 21.15 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Continued to Sheet No. 25.1

POWER SUPPLY COST RECOVERY
INTERCONNECTED SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factors for a given month will consist of an increase or decrease of .010794 mills per kWh for all customers in the Interconnected System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 22.59 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements. Net system kWh requirements shall be the sum of net kWh generation and net kWh purchased and interchanged.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for January through December 2005 is a positive 21.15 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Continued to Sheet No. 25.1

Issued **December 23, 2004**
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

| |
|---------------------------------------|
| Michigan Public Service Commission |
| January 4, 2005 |
| Filed <u>RL</u> |

Effective Jan - Dec
2005, Billing Months
Issued under the authority of
Michigan Public Service Comm.
And 1982 PA304 Sec 6j.(9)
For implementing in
Case No. U-14262

POWER SUPPLY COST RECOVERY
INTERCONNECTED SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factors for a given month will consist of an increase or decrease of .010794 mills per kWh for all customers in the Interconnected System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 22.59 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements. Net system kWh requirements shall be the sum of net kWh generation and net kWh purchased and interchanged.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for January through September 2004 is a positive 23.52 mills per kWh and for the period October through December 2004 is a positive 18.00 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Continued to Sheet No. 25.1

Issued **September 24, 2004**
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

| |
|---------------------------------------|
| Michigan Public Service Commission |
| September 28, 2004 |
| Filed <u>JS</u> |

Effective for bills rendered on
and after the first billing cycle
of the January 2004 billing month

Issued under the authority of
Michigan Public Service Commission
Dated: August 31, 2004
Case No. U-13904

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| REMOVED BY <u>RL</u> |
| DATE <u>1-4-05</u> |

POWER SUPPLY COST RECOVERY
INTERCONNECTED SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factors for a given month will consist of an increase or decrease of .010794 mills per kWh for all customers in the Interconnected System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 22.59 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements. Net system kWh requirements shall be the sum of net kWh generation and net kWh purchased and interchanged.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for each of the 12 months in 2004 is a positive 23.52 mills per kWh.

B. Monthly Reports:

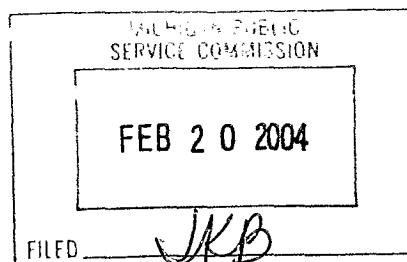
Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled

Continued to Sheet No. 25.1

Issued February 14, 2004
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin



Effective January 1, 2004
Issued under the authority of
Michigan Public Service Commission
Section 6j(9) of 1982 PA 304
For implementing in
Case No. U-13904

POWER SUPPLY COST RECOVERY
INTERCONNECTED SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factors for a given month will consist of an increase or decrease of .010794 mills per kWh for all customers in the Interconnected System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 22.59 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements. Net system kWh requirements shall be the sum of net kWh generation and net kWh purchased and interchanged.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for each of the 12 months in 2003 is a positive 10.89 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

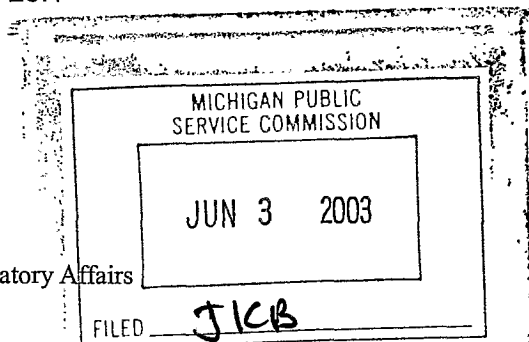
All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Continued to Sheet No. 25.1

CANCELLED BY Self Implementation
ORDER U-13904
REMOVED BY JKB
DATE 2-20-04

Issued: May 1, 2003

By: J. F. Schott
Ass't Vice President – Regulatory Affairs
Houghton, Michigan



Effective: January 1, 2003

Issued under authority of the
Michigan Public Service Commission
Dated: April 17, 2003

In Case No. U-13553

POWER SUPPLY COST RECOVERY
INTERCONNECTED SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factors for a given month will consist of an increase or decrease of .010794 mills per kWh for all customers in the Interconnected System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 22.59 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements. Net system kWh requirements shall be the sum of net kWh generation and net kWh purchased and interchanged.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for each of the 12 months in 2003 is a positive 10.89 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Continued to Sheet No. 25.1

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|--------------|---------------------|
| CANCELLED BY | 13553 |
| ORDER | U- 13553 |
| REMOVED BY | JKB |
| DATE | 6/3/03 |

Issued: February 14, 2003

By: J. F. Schott
Ass't Vice President - Regulatory Affairs
Houghton, Michigan

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|---------------------------------------|
| MICHIGAN PUBLIC SERVICE COMMISSION |
| APR 18 2003 |
| FILED <u>JKB</u> |

Effective: January 1, 2003

Issued under authority of the
Michigan Public Service Commission
Dated: February 10, 2003

In Case No. U-13553

POWER SUPPLY COST RECOVERY
INTERCONNECTED SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factors for a given month will consist of an increase or decrease of .010794 mills per kWh for all customers in the Interconnected System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 22.59 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements. Net system kWh requirements shall be the sum of net kWh generation and net kWh purchased and interchanged.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for each of the 12 months in 2002 is a positive 4.07 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

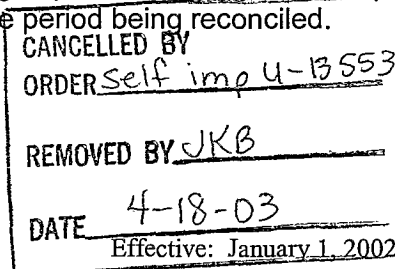
C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Continued to Sheet No. 25.1

Issued: April 10, 2002

By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



Issued under authority of the
Michigan Public Service Commission
Dated March 29, 2002

In Case No. U-13104

POWER SUPPLY COST RECOVERY
INTERCONNECTED SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factors for a given month will consist of an increase or decrease of .010794 mills per kWh for all customers in the Interconnected System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 22.59 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements. Net system kWh requirements shall be the sum of net kWh generation and net kWh purchased and interchanged.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for January through October in 2001 is a positive 9.23 mills per kWh and for November and December 2001 is 0.00 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Continued to Sheet No. 25.1

Issued: November 5, 2001

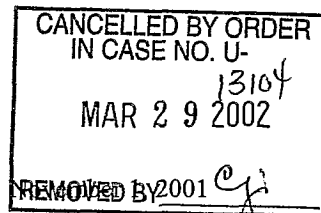
By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



Effective: ~~REMOVED~~ BY 2001 *cy*

Issued under authority of the
Michigan Public Service Commission
Dated October 29, 2001

In Case No. U-12604



POWER SUPPLY COST RECOVERY
INTERCONNECTED SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factors for a given month will consist of an increase or decrease of .010794 mills per kWh for all customers in the Interconnected System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 22.59 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements. Net system kWh requirements shall be the sum of net kWh generation and net kWh purchased and interchanged.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for January through October in 2001 is a positive 9.23 mills per kWh and for November and December 2001 is 0.00 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Continued to Sheet No. 25.1

Issued: October 24, 2001

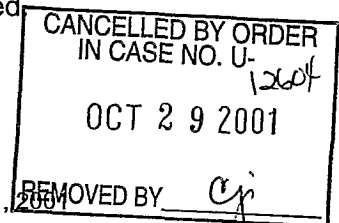
By: W.L. Bourbonnais
Manager-Rates & Econ Eval.
Houghton, Michigan



Effective: January 1, 2001

Issued under authority of the
Michigan Public Service Commission
1982 PA 304 Sec 6j(9)
and for Implementing

In Case No. U-12604



POWER SUPPLY COST RECOVERY
INTERCONNECTED SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factors for a given month will consist of an increase or decrease of .010794 mills per kWh for all customers in the Interconnected System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 22.59 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements. Net system kWh requirements shall be the sum of net kWh generation and net kWh purchased and interchanged.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for each of the 12 months in 2000 is a positive 4.46 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

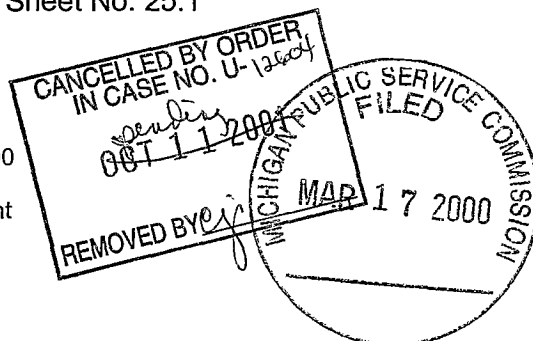
C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Continued to Sheet No. 25.1

Issued: January 1, 2000

By: C. Fisher, President
Houghton, Michigan



Effective: January 1, 2000

Issued under authority of the
Michigan Public Service Commission
Dated February 20, 2000

In Case No. U-12126

POWER SUPPLY COST RECOVERY
INTERCONNECTED SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factors for a given month will consist of an increase or decrease of .010794 mills per kWh for all customers in the Interconnected System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 22.59 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements. Net system kWh requirements shall be the sum of net kWh generation and net kWh purchased and interchanged.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for each of the 12 months in 1999 is a positive 1.04 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

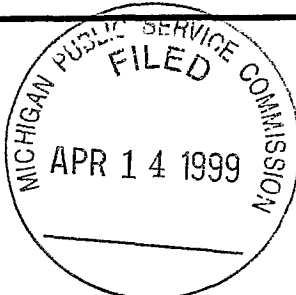
C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

CANCELLED BY ORDER
IN CASE NO. U-
12126
FEB 20 2000

Issued January 1, 1999 by

C. Fisher
President
Houghton, Michigan



Effective: REMOVED BY
January 1, 1999

Issued under authority of the
Michigan Public Service Commission

Dated March 8, 1999

In Case No. U-11791

POWER SUPPLY COST RECOVERY
INTERCONNECTED SYSTEM

CANCELLED BY ORDER
IN CASE NO. U-1191

MAR 08 1999

REMOVED BY *cy*

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factors for a given month will consist of an increase or decrease of .010794 mills per kwh for all customers in the Interconnected System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 22.59 mills per kwh, rounded to the nearest one-hundredth of a mill per kwh. The projected power supply costs per kwh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kwh requirements. Net system kwh requirements shall be the sum of net kwh generation and net kwh purchased and interchanged.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for each of the 12 months in 1998 is a negative 3.20 mills per kwh.

B. Monthly Reports:

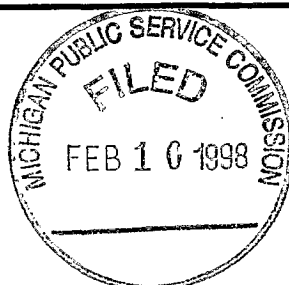
Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Issued January 1, 1998 by

C. Fisher
President
Houghton, Michigan



Effective:

January 1, 1998

Issued under authority of the
Michigan Public Service Commission

Dated January 8, 1998

In Case No. U-11530

POWER SUPPLY COST RECOVERY
INTERCONNECTED SYSTEM

CANCELLED BY
ORDER U11530
JAN 08 1998
REMOVED BY [Signature]

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factors for a given month will consist of an increase or decrease of .010794 mills per kWh for all customers in the Interconnected System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 22.59 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements. Net system kWh requirements shall be the sum of net kWh generation and net kWh purchased and interchanged.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for each of the 12 months in 1997 is a negative 1.47 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Effective:

January 1, 1997

Issued January 1, 1997 by

C. Fisher
President
Houghton, Michigan



Issued under authority of the
Michigan Public Service Commission

Dated December 20, 1996

In Case No. U-11179

POWER SUPPLY COST RECOVERY
INTERCONNECTED SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factors for a given month will consist of an increase or decrease of .010794 mills per kWh for all customers in the Interconnected System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 22.59 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements. Net system kWh requirements shall be the sum of net kWh generation and net kWh purchased and interchanged.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for each of the 12 months in 1996 is a negative .78 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Issued March 1, 1996

by

C. Fisher
President
Houghton, Michigan



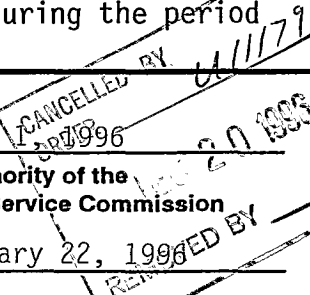
Effective:

January 1, 1996

Issued under authority of the
Michigan Public Service Commission

Dated February 22, 1996

In Case No. U-10969



POWER SUPPLY COST RECOVERY
INTERCONNECTED SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factors for a given month will consist of an increase or decrease of .010794 mills per kWh for all customers in the Interconnected System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 22.59 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements. Net system kWh requirements shall be the sum of net kWh generation and net kWh purchased and interchanged.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for each of the 12 months in 1995 is a negative 2.21 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Issued January 18, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

January 1, 1995

Issued under authority of the
Michigan Public Service Commission

Dated

January 11, 1995

In Case No.

U-10706

REMOVED BY 11/22/95

POWER SUPPLY COST RECOVERY
INTERCONNECTED SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factors for a given month will consist of an increase or decrease of .010794 mills per kWh for all customers in the Interconnected System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 22.59 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements. Net system kWh requirements shall be the sum of net kWh generation and net kWh purchased and interchanged.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

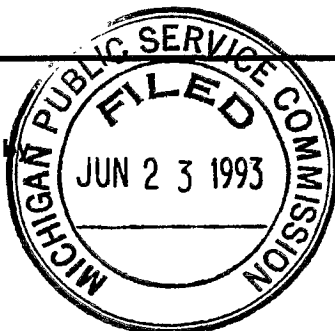
C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

*Cancelled
Jan 11, 1995
Case No. U-10706*

Issued June 1, 1993

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

POWER SUPPLY COST RECOVERY
INTERCONNECTED SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factors for a given month will consist of an increase or decrease of .01078 mills per Kwh for all customers in the Interconnected System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 26.23 mills per Kwh, rounded to the nearest one-hundredth of a mill per Kwh. The projected power supply costs per Kwh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system Kwh requirements. Net system Kwh requirements shall be the sum of net Kwh generation and net Kwh purchased and interchanged.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan

CANCELLED BY
ORDER 440094
MAY 11 1993

REMOVED BY



Effective: Bills issued on and
after May 1, 1991

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

POWER SUPPLY COST RECOVERY
INTERCONNECTED SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factors for a given month will consist of an increase or decrease of .0109 mills per Kwh for all customers in the Inter-connected System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 27.76 mills per Kwh, rounded to the nearest one-hundredth of a mill per Kwh. The projected power supply costs per Kwh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system Kwh requirements. Net system Kwh requirements shall be the sum of net Kwh generation and net Kwh purchased and interchanged.

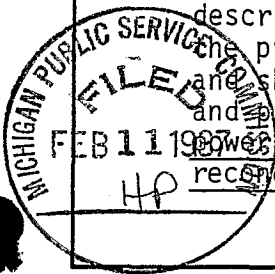
An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.



ORDER

MAR 28 1991

Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

REMOVED BY

POWER SUPPLY COST RECOVERY INTEGRATED SYSTEM

Continued from Sheet No. 25.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

Integrated System

Power Supply Cost Recovery Factors

| Billing Months | Authorized 2007 Plan Year PSCR Factor \$/kWh | Prior Years Over/Under Recovery Factor \$/kWh | Maximum Authorized 2007 PSCR Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|--|---|--|--------------------------------------|
| January 2007 | \$0.00673 | (\$0.00913) | (\$0.00240) | (\$0.00240) |
| February 2007 | \$0.00673 | 0 | \$0.00673 | \$0.00673 |
| March 2007 | \$0.00673 | 0 | \$0.00673 | \$0.00400 |
| April 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| May 2007 | \$0.00400 | (\$0.00793) | (\$0.00393) | (\$0.00393) |
| June 2007 | \$0.00400 | (\$0.00793) | (\$0.00393) | (\$0.00393) |
| July 2007 | \$0.00400 | (\$0.00793) | (\$0.00393) | (\$0.00393) |
| August 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| September 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| October 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| November 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| December 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |

2007 PSCR factor \$0.00400 approved in Case No. U-15006
(2007 Power Supply Cost Recovery Plan Case) Ordered 4-3-07

Credit of (\$0.00913) for January 2007 and a
Credit of (\$0.00793) for May - July 2007 is approved in
Case No. U-14706-R (2006 PSCR Reconciliation) Ordered 10-25-07

Continued on Sheet No. 25.2

Issued 11-15-07
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the billing months
of April-Dec 2007
Issued under the authority of
Mich Public Serv Comm
Dated 4-3-07
Case No. U-15006

POWER SUPPLY COST RECOVERY INTEGRATED SYSTEM

Continued from Sheet No. 25.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES**Integrated System****Power Supply Cost Recovery Factors**

| Billing Months | Authorized 2007 Plan Year PSCR Factor \$/kWh | Prior Years Over/Under Recovery Factor \$/kWh | Maximum Authorized 2007 PSCR Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|--|---|--|--------------------------------------|
| January 2007 | \$0.00673 | (\$0.00913) | (\$0.00240) | (\$0.00240) |
| February 2007 | \$0.00673 | 0 | \$0.00673 | \$0.00673 |
| March 2007 | \$0.00673 | 0 | \$0.00673 | \$0.00400 |
| April 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| May 2007 | \$0.00400 | (\$0.00793) | (\$0.00393) | (\$0.00393) |
| June 2007 | \$0.00400 | (\$0.00793) | (\$0.00393) | (\$0.00393) |
| July 2007 | \$0.00400 | (\$0.00793) | (\$0.00393) | (\$0.00393) |
| August 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| September 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| October 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| November 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| December 2007 | \$0.00400 | | | |

2007 PSCR factor \$0.00400 approved in Case No. U-15006
(2007 Power Supply Cost Recovery Plan Case) Ordered 4-3-07

Credit of (\$0.00793) for May - July 2007 requested in
Case No. U-14706-R (2006 PSCR Reconciliation). Requested 3-30-07

Due to an over-collection in 2006 the PSCR rate is reduced
for January 2007 (\$0.00913).

Continued on Sheet No. 25.2

Issued 10-12-07
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the billing months
of April-Dec 2007
Issued under the authority of
Mich Public Serv Comm
Dated 4-3-07
Case No. U-15006

POWER SUPPLY COST RECOVERY INTEGRATED SYSTEM

Continued from Sheet No. 25.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

Integrated System

Power Supply Cost Recovery Factors

| Billing Months | Authorized 2007 Plan Year PSCR Factor \$/kWh | Prior Years Over/Under Recovery Factor \$/kWh | Maximum Authorized 2007 PSCR Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|--|---|--|--------------------------------------|
| January 2007 | \$0.00673 | (\$0.00913) | (\$0.00240) | (\$0.00240) |
| February 2007 | \$0.00673 | 0 | \$0.00673 | \$0.00673 |
| March 2007 | \$0.00673 | 0 | \$0.00673 | \$0.00400 |
| April 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| May 2007 | \$0.00400 | (\$0.00793) | (\$0.00393) | (\$0.00393) |
| June 2007 | \$0.00400 | (\$0.00793) | (\$0.00393) | (\$0.00393) |
| July 2007 | \$0.00400 | (\$0.00793) | (\$0.00393) | (\$0.00393) |
| August 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| September 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| October 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| November 2007 | \$0.00400 | | | |
| December 2007 | \$0.00400 | | | |

2007 PSCR factor \$0.00400 approved in Case No. U-15006
(2007 Power Supply Cost Recovery Plan Case) Ordered 4-3-07

Credit of (\$0.00793) for May - July 2007 requested in
Case No. U-14706-R (2006 PSCR Reconciliation). Requested 3-30-07

Due to an over-collection in 2006 the PSCR rate is reduced
for January 2007 (\$0.00913).

Continued on Sheet No. 25.2

Issued 9-19-07
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the billing months
of April-Dec 2007
Issued under the authority of
Mich Public Serv Comm
Dated 4-3-07
Case No. U-15006

POWER SUPPLY COST RECOVERY INTEGRATED SYSTEM

Continued from Sheet No. 25.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

Integrated System

Power Supply Cost Recovery Factors

| Billing Months | Authorized 2007 Plan Year PSCR Factor \$/kWh | Prior Years Over/Under Recovery Factor \$/kWh | Maximum Authorized 2007 PSCR Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|--|---|--|--------------------------------------|
| January 2007 | \$0.00673 | (\$0.00913) | (\$0.00240) | (\$0.00240) |
| February 2007 | \$0.00673 | 0 | \$0.00673 | \$0.00673 |
| March 2007 | \$0.00673 | 0 | \$0.00673 | \$0.00400 |
| April 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| May 2007 | \$0.00400 | (\$0.00793) | (\$0.00393) | (\$0.00393) |
| June 2007 | \$0.00400 | (\$0.00793) | (\$0.00393) | (\$0.00393) |
| July 2007 | \$0.00400 | (\$0.00793) | (\$0.00393) | (\$0.00393) |
| August 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| September 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| October 2007 | \$0.00400 | | | |
| November 2007 | \$0.00400 | | | |
| December 2007 | \$0.00400 | | | |

2007 PSCR factor \$0.00400 approved in Case No. U-15006
(2007 Power Supply Cost Recovery Plan Case) Ordered 4-3-07

Credit of (\$0.00793) for May - July 2007 requested in
Case No. U-14706-R (2006 PSCR Reconciliation). Requested 3-30-07

Due to an over-collection in 2006 the PSCR rate is reduced
for January 2007 (\$0.00913).

Continued on Sheet No. 25.2

Issued 8-10-07
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the billing months
of April-Dec 2007
Issued under the authority of
Mich Public Serv Comm
Dated 4-3-07
Case No. U-15006

POWER SUPPLY COST RECOVERY INTEGRATED SYSTEM

Continued from Sheet No. 25.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES**Integrated System****Power Supply Cost Recovery Factors**

| Billing Months | Authorized 2007 Plan Year PSCR Factor \$/kWh | Prior Years Over/Under Recovery Factor \$/kWh | Maximum Authorized 2007 PSCR Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|--|---|--|--------------------------------------|
| January 2007 | \$0.00673 | (\$0.00913) | (\$0.00240) | (\$0.00240) |
| February 2007 | \$0.00673 | 0 | \$0.00673 | \$0.00673 |
| March 2007 | \$0.00673 | 0 | \$0.00673 | \$0.00400 |
| April 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| May 2007 | \$0.00400 | (\$0.00793) | (\$0.00393) | (\$0.00393) |
| June 2007 | \$0.00400 | (\$0.00793) | (\$0.00393) | (\$0.00393) |
| July 2007 | \$0.00400 | (\$0.00793) | (\$0.00393) | (\$0.00393) |
| August 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| September 2007 | \$0.00400 | | | |
| October 2007 | \$0.00400 | | | |
| November 2007 | \$0.00400 | | | |
| December 2007 | \$0.00400 | | | |

2007 PSCR factor \$0.00400 approved in Case No. U-15006
(2007 Power Supply Cost Recovery Plan Case) Ordered 4-3-07

Credit of (\$0.00793) for May - July 2007 requested in
Case No. U-14706-R (2006 PSCR Reconciliation). Requested 3-30-07

Due to an over-collection in 2006 the PSCR rate is reduced
for January 2007 (\$0.00913).

Continued on Sheet No. 25.2

Issued 7-16-07
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the billing months
of April-Dec 2007
Issued under the authority of
Mich Public Serv Comm
Dated 4-3-07
Case No. U-15006

POWER SUPPLY COST RECOVERY INTEGRATED SYSTEM

Continued from Sheet No. 25.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES**Integrated System****Power Supply Cost Recovery Factors**

| Billing Months | Authorized 2007 Plan Year PSCR Factor \$/kWh | Prior Years Over/Under Recovery Factor \$/kWh | Maximum Authorized 2007 PSCR Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|--|---|--|--------------------------------------|
| January 2007 | \$0.00673 | (\$0.00913) | (\$0.00240) | (\$0.00240) |
| February 2007 | \$0.00673 | 0 | \$0.00673 | \$0.00673 |
| March 2007 | \$0.00673 | 0 | \$0.00673 | \$0.00400 |
| April 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| May 2007 | \$0.00400 | (\$0.00793) | (\$0.00393) | (\$0.00393) |
| June 2007 | \$0.00400 | (\$0.00793) | (\$0.00393) | (\$0.00393) |
| July 2007 | \$0.00400 | (\$0.00793) | (\$0.00393) | (\$0.00393) |
| August 2007 | \$0.00400 | | | |
| September 2007 | \$0.00400 | | | |
| October 2007 | \$0.00400 | | | |
| November 2007 | \$0.00400 | | | |
| December 2007 | \$0.00400 | | | |

2007 PSCR factor \$0.00400 approved in Case No. U-15006
(2007 Power Supply Cost Recovery Plan Case) Ordered 4-3-07

Credit of (\$0.00793) for May - July 2007 requested in
Case No. U-14706-R (2006 PSCR Reconciliation). Requested 3-30-07

Due to an over-collection in 2006 the PSCR rate is reduced
for January 2007 (\$0.00913).

Continued on Sheet No. 25.2

Issued 6-15-07
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the billing months
of April-Dec 2007
Issued under the authority of
Mich Public Serv Comm
Dated 4-3-07
Case No. U-15006

POWER SUPPLY COST RECOVERY INTEGRATED SYSTEM

Continued from Sheet No. 25.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

Integrated System

Power Supply Cost Recovery Factors

| Billing Months | Authorized 2007 Plan Year PSCR Factor \$/kWh | Prior Years Over/Under Recovery Factor \$/kWh | Maximum Authorized 2007 PSCR Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|--|---|--|--------------------------------------|
| January 2007 | \$0.00673 | (\$0.00913) | (\$0.00240) | (\$0.00240) |
| February 2007 | \$0.00673 | 0 | \$0.00673 | \$0.00673 |
| March 2007 | \$0.00673 | 0 | \$0.00673 | \$0.00400 |
| April 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| May 2007 | \$0.00400 | (\$0.00793) | (\$0.00393) | (\$0.00393) |
| June 2007 | \$0.00400 | (\$0.00793) | (\$0.00393) | (\$0.00393) |
| July 2007 | \$0.00400 | | | |
| August 2007 | \$0.00400 | | | |
| September 2007 | \$0.00400 | | | |
| October 2007 | \$0.00400 | | | |
| November 2007 | \$0.00400 | | | |
| December 2007 | \$0.00400 | | | |

2007 PSCR factor \$0.00400 approved in Case No. U-15006
(2007 Power Supply Cost Recovery Plan Case) Ordered 4-3-07

Credit of (\$0.00793) for May - July 2007 requested in
Case No. U-14706-R (2006 PSCR Reconciliation). Requested 3-30-07

Due to an over-collection in 2006 the PSCR rate is reduced
for January 2007 (\$0.00913).

Continued on Sheet No. 25.2

Issued 5-15-07
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the billing months
of April-Dec 2007
Issued under the authority of
Mich Public Serv Comm
Dated 4-3-07
Case No. U-15006

POWER SUPPLY COST RECOVERY INTEGRATED SYSTEM

Continued from Sheet No. 25.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

Integrated System

Power Supply Cost Recovery Factors

| Billing Months | Authorized 2007 Plan Year PSCR Factor \$/kWh | Prior Years Over/Under Recovery Factor \$/kWh | Maximum Authorized 2007 PSCR Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|--|---|--|--------------------------------------|
| January 2007 | \$0.00673 | (\$0.00913) | (\$0.00240) | (\$0.00240) |
| February 2007 | \$0.00673 | 0 | \$0.00673 | \$0.00673 |
| March 2007 | \$0.00673 | 0 | \$0.00673 | \$0.00400 |
| April 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| May 2007 | \$0.00400 | (\$0.00793) | (\$0.00393) | (\$0.00393) |
| June 2007 | \$0.00400 | | | |
| July 2007 | \$0.00400 | | | |
| August 2007 | \$0.00400 | | | |
| September 2007 | \$0.00400 | | | |
| October 2007 | \$0.00400 | | | |
| November 2007 | \$0.00400 | | | |
| December 2007 | \$0.00400 | | | |

2007 PSCR factor \$0.00400 approved in Case No. U-15006
(2007 Power Supply Cost Recovery Plan Case) Ordered 4-3-07

Credit of (\$0.00793) for May - July 2007 requested in
Case No. U-14706-R (2006 PSCR Reconciliation). Requested 3-30-07

Due to an over-collection in 2006 the PSCR rate is reduced
for January 2007 (\$0.00913).

Continued on Sheet No. 25.2

Issued 4-16-07
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the billing months
of April-Dec 2007
Issued under the authority of
Mich Public Serv Comm
Dated 4-3-07
Case No. U-15006

POWER SUPPLY COST RECOVERY INTEGRATED SYSTEM

Continued from Sheet No. 25.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES**Integrated System****Power Supply Cost Recovery Factors**

| Billing Months | Authorized 2007 Plan Year PSCR Factor \$/kWh | Authorized PSCR Reconciliation Factor \$/kWh | Maximum Authorized 2007 PSCR Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|--|--|--|--------------------------------------|
| January 2007 | \$0.00673 | (\$0.00913) | (\$0.00240) | (\$0.00240) |
| February 2007 | \$0.00673 | 0 | \$0.00673 | \$0.00673 |
| March 2007 | \$0.00673 | 0 | \$0.00673 | \$0.00400 |
| April 2007 | \$0.00673 | 0 | \$0.00673 | \$0.00400 |
| May 2007 | \$0.00673 | | | |
| June 2007 | \$0.00673 | | | |
| July 2007 | \$0.00673 | | | |
| August 2007 | \$0.00673 | | | |
| September 2007 | \$0.00673 | | | |
| October 2007 | \$0.00673 | | | |
| November 2007 | \$0.00673 | | | |
| December 2007 | \$0.00673 | | | |

Due to an over-collection in 2006 the PSCR rate is reduced for January 2007.

Continued on Sheet No. 25.2

Issued 3-15-07
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the 2007 plan year
Issued under the authority of
1982 PA 304, Section 6j (9) and
Mich Public Serv Comm
Case No. U-15006

POWER SUPPLY COST RECOVERY INTEGRATED SYSTEM

Continued from Sheet No. 25.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

Integrated System

Power Supply Cost Recovery Factors

| Billing Months | 2007 Maximum Authorized Factor \$/kWh | 2007 Actual Factor \$/kWh | 2006 Over-Collection Refund | <i>For MPSC Use Only</i> Total Actual Factor Billed for Month \$/kWh |
|----------------|---|---------------------------------|-----------------------------------|---|
| January 2007 | \$0.00673 | \$0.00673 | (\$0.00913) | (\$0.00240) |
| February 2007 | \$0.00673 | \$0.00673 | 0 | \$0.00673 |
| March 2007 | \$0.00673 | \$0.00400 | 0 | \$0.00400 |
| April 2007 | \$0.00673 | | | |
| May 2007 | \$0.00673 | | | |
| June 2007 | \$0.00673 | | | |
| July 2007 | \$0.00673 | | | |
| August 2007 | \$0.00673 | | | |
| September 2007 | \$0.00673 | | | |
| October 2007 | \$0.00673 | | | |
| November 2007 | \$0.00673 | | | |
| December 2007 | \$0.00673 | | | |

Due to an over-collection in 2006 the PSCR rate is reduced for January 2007.

POWER SUPPLY COST RECOVERY INTEGRATED SYSTEM

Continued from Sheet No. 25.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES**Integrated System****Power Supply Cost Recovery Factors**

| Billing Months | 2007 Maximum Authorized Factor \$/kWh | 2006 Over-Collection Refund | Total Actual Factor Billed for Month \$/kWh |
|----------------|---|-----------------------------------|---|
| | + | + | = |
| January 2007 | \$0.00673 | (\$0.00913) | (\$0.00240) |
| February 2007 | \$0.00673 | 0 | \$0.00673 |
| March 2007 | \$0.00673 | | |
| April 2007 | \$0.00673 | | |
| May 2007 | \$0.00673 | | |
| June 2007 | \$0.00673 | | |
| July 2007 | \$0.00673 | | |
| August 2007 | \$0.00673 | | |
| September 2007 | \$0.00673 | | |
| October 2007 | \$0.00673 | | |
| November 2007 | \$0.00673 | | |
| December 2007 | \$0.00673 | | |

Due to an over-collection in 2006 the PSCR rate is reduced for January 2007.

POWER SUPPLY COST RECOVERY INTERCONNECTED SYSTEM

Continued from Sheet No. 25.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES**Integrated System****Power Supply Cost Recovery Factors**

| | Billing Months | Maximum Authorized Factor \$/kWh | 2006 Over-Collection Refund | Actual Factor Billed \$/kWh |
|---|----------------|--|-----------------------------------|-----------------------------------|
| R | January 2007 | \$0.00673 | (\$0.00913) | (\$0.00240) |
| R | February 2007 | \$0.00673 | | |
| R | March 2007 | \$0.00673 | | |
| R | April 2007 | \$0.00673 | | |
| R | May 2007 | \$0.00673 | | |
| R | June 2007 | \$0.00673 | | |
| R | July 2007 | \$0.00673 | | |
| R | August 2007 | \$0.00673 | | |
| R | September 2007 | \$0.00673 | | |
| R | October 2007 | \$0.00673 | | |
| R | November 2007 | \$0.00673 | | |
| R | December 2007 | \$0.00673 | | |

R Due to an over-collection in 2006 the PSCR rate is reduced for January.

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By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

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1982 PA 304, Section 6j (9) and
Mich Public Serv Comm
Case No. U-15006

POWER SUPPLY COST RECOVERY INTERCONNECTED SYSTEM

Continued from Sheet No. 25.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

Integrated System

Power Supply Cost Recovery Factors

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh | 2005 Applied Reconciliation Factor \$/kWh |
|----------------|--|-----------------------------------|---|
| January 2006 | \$0.03180 | \$0.03180 | |
| February 2006 | \$0.03180 | \$0.03180 | |
| March 2006 | \$0.03180 | \$0.03180 | |
| April 2006 | \$0.03180 | \$0.03180 | |
| May 2006 | \$0.03180 | \$0.03180 | |
| June 2006 | \$0.03180 | \$0.03180 | |
| July 2006 | \$0.03180 | \$0.03180 | |
| August 2006 | 0 | 0 | |
| September 2006 | 0 | 0 | |
| October 2006 | 0 | (\$0.01314) | 0.01154 |
| November 2006 | 0 | (\$0.01314) | |
| December 2006 | 0 | 0 | |

Due to an over-collection the PSCR rate is reduced for October and November.

October 2006, surcharge of \$0.01154 per KWh as authorized in Order No. U-14262-R (2005 Power Supply Cost Recovery Reconciliation)

The factors for the months January through July reflect a PSCR base of 22.59 mills per kWh and a loss adjustment of 0.010794.

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VP Regulatory Affairs
Green Bay, Wisconsin

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for the billing months
of October-Dec 2006
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Mich Public Serv Comm
Dated 9-26-06
Case No. U-14262-R

POWER SUPPLY COST RECOVERY INTERCONNECTED SYSTEM

Continued from Sheet No. 25.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

Integrated System

Power Supply Cost Recovery Factors

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh | 2005 Applied Reconciliation Factor \$/kWh |
|----------------|--|-----------------------------------|---|
| January 2006 | \$0.03180 | \$0.03180 | |
| February 2006 | \$0.03180 | \$0.03180 | |
| March 2006 | \$0.03180 | \$0.03180 | |
| April 2006 | \$0.03180 | \$0.03180 | |
| May 2006 | \$0.03180 | \$0.03180 | |
| June 2006 | \$0.03180 | \$0.03180 | |
| July 2006 | \$0.03180 | \$0.03180 | |
| August 2006 | 0 | 0 | |
| September 2006 | 0 | 0 | |
| October 2006 | 0 | (\$0.01314) | 0.01154 |
| November 2006 | 0 | (\$0.01314) | |
| December 2006 | 0 | | |

R

Due to an over-collection the PSCR rate is reduced.

October 2006, surcharge of \$0.01154 per KWh as authorized in Order No. U-14262-R (2005 Power Supply Cost Recovery Reconciliation)

The factors for the months January through July reflect a PSCR base of 22.59 mills per kWh and a loss adjustment of 0.010794.

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By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the billing months
of October-Dec 2006
Issued under the authority of
Mich Public Serv Comm
Dated 9-26-06
Case No. U-14262-R

POWER SUPPLY COST RECOVERY INTERCONNECTED SYSTEM

Continued from Sheet No. 25.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

Integrated System

Power Supply Cost Recovery Factors

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh | 2005 Applied Reconciliation Factor \$/kWh |
|----------------|--|-----------------------------------|---|
| January 2006 | \$0.03180 | \$0.03180 | |
| February 2006 | \$0.03180 | \$0.03180 | |
| March 2006 | \$0.03180 | \$0.03180 | |
| April 2006 | \$0.03180 | \$0.03180 | |
| May 2006 | \$0.03180 | \$0.03180 | |
| June 2006 | \$0.03180 | \$0.03180 | |
| July 2006 | \$0.03180 | \$0.03180 | |
| August 2006 | 0 | 0 | |
| September 2006 | 0 | 0 | |
| R October 2006 | 0 | (\$0.01314) | 0.01154 |
| November 2006 | 0 | | |
| December 2006 | 0 | | |

N
N October 2006, surcharge of \$0.01154 per KWh as authorized in Order No. U-14262-R
(2005 Power Supply Cost Recovery Reconciliation)

Due to an over-collection the PSCR rate is being reduced.

The factors for the months January through July reflect a PSCR base of 22.59 mills per kWh and a loss adjustment of 0.010794.

Issued 9-27-06
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the billing months
of October-Dec 2006
Issued under the authority of
Mich Public Serv Comm
Dated 9-26-06
Case No. U-14262-R

POWER SUPPLY COST RECOVERY INTERCONNECTED SYSTEM

Continued from Sheet No. 25.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

Interconnected System

Power Supply Cost Recovery Factors

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|-------------------------------------|--------------------------------|
| January 2006 | \$0.03180 | \$0.03180 |
| February 2006 | \$0.03180 | \$0.03180 |
| March 2006 | \$0.03180 | \$0.03180 |
| April 2006 | \$0.03180 | \$0.03180 |
| May 2006 | \$0.03180 | \$0.03180 |
| June 2006 | \$0.03180 | \$0.03180 |
| July 2006 | \$0.03180 | \$0.03180 |
| August 2006 | 0 | 0 |
| September 2006 | 0 | 0 |
| R October 2006 | 0 | (\$0.01314) |
| November 2006 | 0 | |
| December 2006 | 0 | |

N Due to an overcollection the PSCR rate is being reduced.

The factors for the months January through July reflect a PSCR base of 22.59 mills per kWh and a loss adjustment of 0.010794.

Issued 9-15-06
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the billing months
of August-Dec 2006
Issued under the authority of
Mich Public Serv Comm
Dated 6-27-06
Case No. U-14745

POWER SUPPLY COST RECOVERY INTERCONNECTED SYSTEM

Continued from Sheet No. 25.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

Interconnected System

Power Supply Cost Recovery Factors

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|-------------------------------------|--------------------------------|
| January 2006 | \$0.03180 | \$0.03180 |
| February 2006 | \$0.03180 | \$0.03180 |
| March 2006 | \$0.03180 | \$0.03180 |
| April 2006 | \$0.03180 | \$0.03180 |
| May 2006 | \$0.03180 | \$0.03180 |
| June 2006 | \$0.03180 | \$0.03180 |
| July 2006 | \$0.03180 | \$0.03180 |
| August 2006 | 0 | 0 |
| September 2006 | 0 | 0 |
| October 2006 | 0 | |
| November 2006 | 0 | |
| December 2006 | 0 | |

The factors for the months January through July reflect a PSCR base of 22.59 mills per kWh and a loss adjustment of 0.010794.

Issued 8-14-06
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the billing months
of August-Dec 2006
Issued under the authority of
Mich Public Serv Comm
Dated 6-27-06
Case No. U-14745

POWER SUPPLY COST RECOVERY INTERCONNECTED SYSTEM

Continued from Sheet No. 25.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

Interconnected System

Power Supply Cost Recovery Factors

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|-------------------------------------|--------------------------------|
| January 2006 | \$0.03180 | \$0.03180 |
| February 2006 | \$0.03180 | \$0.03180 |
| March 2006 | \$0.03180 | \$0.03180 |
| April 2006 | \$0.03180 | \$0.03180 |
| May 2006 | \$0.03180 | \$0.03180 |
| June 2006 | \$0.03180 | \$0.03180 |
| July 2006 | \$0.03180 | \$0.03180 |
| August 2006 | 0 | 0 |
| September 2006 | 0 | |
| October 2006 | 0 | |
| November 2006 | 0 | |
| December 2006 | 0 | |

The factors for the months January through July reflect a PSCR base of 22.59 mills per kWh and a loss adjustment of 0.010794.

Issued 7-26-06
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the billing months
of August-Dec 2006
Issued under the authority of
Mich Public Serv Comm
Dated 6-27-06
Case No. U-14745

POWER SUPPLY COST RECOVERY INTERCONNECTED SYSTEM

Continued from Sheet No. 25.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

Interconnected System

Power Supply Cost Recovery Factors

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|-------------------------------------|--------------------------------|
| January 2006 | \$0.03180 | \$0.03180 |
| February 2006 | \$0.03180 | \$0.03180 |
| March 2006 | \$0.03180 | \$0.03180 |
| April 2006 | \$0.03180 | \$0.03180 |
| May 2006 | \$0.03180 | \$0.03180 |
| June 2006 | \$0.03180 | \$0.03180 |
| July 2006 | \$0.03180 | \$0.03180 |
| August 2006 | 0 | |
| September 2006 | 0 | |
| October 2006 | 0 | |
| November 2006 | 0 | |
| December 2006 | 0 | |

The factors for the months January through July reflect a PSCR base of 22.59 mills per kWh and a loss adjustment of 0.010794.

Issued 6-27-06
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the billing months
of August-Dec 2006
Issued under the authority of
Mich Public Serv Comm
Dated 6-27-06
Case No. U-14745

Continued from Sheet No. 25.0

The PSCR Factor to be used for January through December 2006 is a positive 31.80 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

Integrated

Power Supply Cost Recovery Factors

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh |
|-----------------------|---|--|
| January 2006 | \$0.03180 | \$0.03180 |
| February 2006 | \$0.03180 | \$0.03180 |
| March 2006 | \$0.03180 | \$0.03180 |
| April 2006 | \$0.03180 | \$0.03180 |
| May 2006 | \$0.03180 | \$0.03180 |
| June 2006 | \$0.03180 | \$0.03180 |
| July 2006 | \$0.03180 | \$0.03180 |
| August 2006 | \$0.03180 | |
| September 2006 | \$0.03180 | |
| October 2006 | \$0.03180 | |
| November 2006 | \$0.03180 | |
| December 2006 | \$0.03180 | |

January through December 2006, positive 31.80 mills per kWh as ordered in Order No. U-14706 (2006 Power Supply Cost Recovery Plan Case).

Issued June 16, 2006
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective Jan - Dec
2006, Billing Months
Issued under the authority of
Michigan Public Service Comm.
Dated: 5-25-06
Case No. U-14706

Continued from Sheet No. 25.0

The PSCR Factor to be used for January through December 2006 is a positive 31.80 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

Integrated**Power Supply Cost Recovery Factors**

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh |
|-----------------------|---|--|
| January 2006 | \$0.03180 | \$0.03180 |
| February 2006 | \$0.03180 | \$0.03180 |
| March 2006 | \$0.03180 | \$0.03180 |
| April 2006 | \$0.03180 | \$0.03180 |
| May 2006 | \$0.03180 | \$0.03180 |
| June 2006 | \$0.03180 | \$0.03180 |
| July 2006 | \$0.03180 | |
| August 2006 | \$0.03180 | |
| September 2006 | \$0.03180 | |
| October 2006 | \$0.03180 | |
| November 2006 | \$0.03180 | |
| December 2006 | \$0.03180 | |

January through December 2006, positive 31.80 mills per kWh as requested in Order No. U-14706 (2006 Power Supply Cost Recovery Plan Case).

Issued May 16, 2006
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the 2006 plan year
Issued under the authority of
1982 PA 304, Section 6j (9) and
Michigan Public Service Comm.
Case No. U-14706

Continued from Sheet No. 25.0

The PSCR Factor to be used for January through December 2006 is a positive 31.80 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

Integrated

Power Supply Cost Recovery Factors

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh |
|-----------------------|---|--|
| January 2006 | \$0.03180 | \$0.03180 |
| February 2006 | \$0.03180 | \$0.03180 |
| March 2006 | \$0.03180 | \$0.03180 |
| April 2006 | \$0.03180 | \$0.03180 |
| May 2006 | \$0.03180 | \$0.03180 |
| June 2006 | \$0.03180 | |
| July 2006 | \$0.03180 | |
| August 2006 | \$0.03180 | |
| September 2006 | \$0.03180 | |
| October 2006 | \$0.03180 | |
| November 2006 | \$0.03180 | |
| December 2006 | \$0.03180 | |

January through December 2006, positive 31.80 mills per kWh as requested in Order No. U-14706 (2006 Power Supply Cost Recovery Plan Case).

Issued April 12, 2006
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the 2006 plan year
Issued under the authority of
1982 PA 304, Section 6j (9) and
Michigan Public Service Comm.
Case No. U-14706

Continued from Sheet No. 25.0

The PSCR Factor to be used for January through December 2006 is a positive 31.80 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

Integrated

Power Supply Cost Recovery Factors

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh |
|-----------------------|---|--|
| January 2006 | \$0.03180 | \$0.03180 |
| February 2006 | \$0.03180 | \$0.03180 |
| March 2006 | \$0.03180 | \$0.03180 |
| April 2006 | \$0.03180 | \$0.03180 |
| May 2006 | \$0.03180 | |
| June 2006 | \$0.03180 | |
| July 2006 | \$0.03180 | |
| August 2006 | \$0.03180 | |
| September 2006 | \$0.03180 | |
| October 2006 | \$0.03180 | |
| November 2006 | \$0.03180 | |
| December 2006 | \$0.03180 | |

January through December 2006, positive 31.80 mills per kWh as requested in Order No. U-14706 (2006 Power Supply Cost Recovery Plan Case).

Issued March 13, 2006
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the 2006 plan year
Issued under the authority of
1982 PA 304, Section 6j (9) and
Michigan Public Service Comm.
Case No. U-14706

Continued from Sheet No. 25.0

The PSCR Factor to be used for January through December 2006 is a positive 31.80 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

Integrated

Power Supply Cost Recovery Factors

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh |
|-----------------------|---|--|
| January 2006 | \$0.03180 | \$0.03180 |
| February 2006 | \$0.03180 | \$0.03180 |
| March 2006 | \$0.03180 | \$0.03180 |
| April 2006 | \$0.03180 | |
| May 2006 | \$0.03180 | |
| June 2006 | \$0.03180 | |
| July 2006 | \$0.03180 | |
| August 2006 | \$0.03180 | |
| September 2006 | \$0.03180 | |
| October 2006 | \$0.03180 | |
| November 2006 | \$0.03180 | |
| December 2006 | \$0.03180 | |

January through December 2006, positive 31.80 mills per kWh as requested in Order No. U-14706 (2006 Power Supply Cost Recovery Plan Case).

Issued February 14, 2006
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the 2006 plan year
Issued under the authority of
1982 PA 304, Section 6j (9) and
Michigan Public Service Comm.
Case No. U-14706

Continued from Sheet No. 25.0

The PSCR Factor to be used for January through December 2006 is a positive 31.80 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

Integrated

Power Supply Cost Recovery Factors

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh |
|-----------------------|---|--|
| January 2006 | \$0.03180 | \$0.03180 |
| February 2006 | \$0.03180 | \$0.03180 |
| March 2006 | \$0.03180 | |
| April 2006 | \$0.03180 | |
| May 2006 | \$0.03180 | |
| June 2006 | \$0.03180 | |
| July 2006 | \$0.03180 | |
| August 2006 | \$0.03180 | |
| September 2006 | \$0.03180 | |
| October 2006 | \$0.03180 | |
| November 2006 | \$0.03180 | |
| December 2006 | \$0.03180 | |

January through December 2006, positive 31.80 mills per kWh as requested in Order No. U-14706 (2006 Power Supply Cost Recovery Plan Case).

Issued January 16, 2006
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the 2006 plan year
Issued under the authority of
1982 PA 304, Section 6j (9) and
Michigan Public Service Comm.
Case No. U-14706

Continued from Sheet No. 25.0

The PSCR Factor to be used for January through December 2006 is a positive 31.80 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

Integrated**Power Supply Cost Recovery Factors**

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh |
|-----------------------|---|--|
| January 2006 | \$0.03180 | \$0.03180 |
| February 2006 | \$0.03180 | |
| March 2006 | \$0.03180 | |
| April 2006 | \$0.03180 | |
| May 2006 | \$0.03180 | |
| June 2006 | \$0.03180 | |
| July 2006 | \$0.03180 | |
| August 2006 | \$0.03180 | |
| September 2006 | \$0.03180 | |
| October 2006 | \$0.03180 | |
| November 2006 | \$0.03180 | |
| December 2006 | \$0.03180 | |

January through December 2006, positive 31.80 mills per kWh as requested in Order No. U-14706 (2006 Power Supply Cost Recovery Plan Case).

Issued December 13, 2005
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the 2006 plan year
Issued under the authority of
1982 PA 304, Section 6j (9) and
Michigan Public Service Comm.
Case No. U-14706

Continued from Sheet No. 25.0

The PSCR Factor to be used for January through December 2005 is a positive 21.15 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

Power Supply Cost Recovery Factors

| | Maximum Authorized | Actual Factor Billed | 2003 Applied Reconciliation | 2004 Applied Reconciliation |
|----------------|-----------------------|----------------------|--------------------------------|--------------------------------|
| Billing Months | Factor \$/kWh | \$/kWh | Factor \$/kWh | Factor \$/kWh |
| January 2005 | 0.02115 | 0.02115 | 0.00569 | |
| February 2005 | 0.02115 | 0.02115 | 0.00569 | |
| March 2005 | 0.02115 | 0.02115 | 0.00569 | |
| April 2005 | 0.02115 | 0.02115 | 0.00569 | |
| May 2005 | 0.02115 | 0.02115 | 0.00569 | |
| June 2005 | 0.02115 | 0.02115 | 0.00569 | |
| July 2005 | 0.02115 | 0.02115 | 0.00569 | |
| August 2005 | 0.02115 | 0.02115 | 0.00569 | |
| September 2005 | 0.02115 | 0.02115 | 0.00569 | |
| October 2005 | 0.02115 | 0.02115 | 0.00569 | |
| November 2005 | 0.02115 | 0.02115 | 0.00569 | |
| December 2005 | 0.02115 | 0.02115 | 0.00569 | -0.00163 |

January through December 2005, positive 5.69 mills per kWh as authorized in Final Order No. U-13553-R (2003 Power Supply Cost Recovery Reconciliation).

December 2005, credit of \$0.00163 per kWh as authorized in Final Order No. U-13904-R

Issued November 11, 2005
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the 2005 plan year
Issued under the authority of
Michigan Public Service Comm.
Dated: 3-29-05
Case No. U-14262

Continued from Sheet No. 25.0

The PSCR Factor to be used for January through December 2005 is a positive 21.15 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

| Power Supply Cost Recovery Factors | | | |
|---|-------------------------------------|--------------------------------|--|
| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh | 2003 Applied Reconciliation Factor \$/kWh |
| January 2005 | 0.02115 | 0.02115 | 0.00569 |
| February 2005 | 0.02115 | 0.02115 | 0.00569 |
| March 2005 | 0.02115 | 0.02115 | 0.00569 |
| April 2005 | 0.02115 | 0.02115 | 0.00569 |
| May 2005 | 0.02115 | 0.02115 | 0.00569 |
| June 2005 | 0.02115 | 0.02115 | 0.00569 |
| July 2005 | 0.02115 | 0.02115 | 0.00569 |
| August 2005 | 0.02115 | 0.02115 | 0.00569 |
| September 2005 | 0.02115 | 0.02115 | 0.00569 |
| October 2005 | 0.02115 | 0.02115 | 0.00569 |
| November 2005 | 0.02115 | 0.02115 | 0.00569 |
| December 2005 | 0.02115 | | |

January through December 2005, positive 5.69 mills per kWh as authorized in
Final Order No. U-13553-R (2003 Power Supply Cost Recovery Reconciliation).

Issued October 20, 2005
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the 2005 plan year
Issued under the authority of
Michigan Public Service Comm.
Dated: 3-29-05
Case No. U-14262

Continued from Sheet No. 25.0

The PSCR Factor to be used for January through December 2005 is a positive 21.15 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| ALL CLASSES | | | |
|------------------------------------|----------------------------|----------------------------|---|
| <u>2005 Authorized PSCR Factor</u> | | <u>Applied PSCR Factor</u> | <u>2003 Applied Reconciliation Factor</u> |
| January | 21.15 mills per kWh | 21.15 mills per kWh | 5.69 mills per kWh |
| February | 21.15 mills per kWh | 21.15 mills per kWh | 5.69 mills per kWh |
| March | 21.15 mills per kWh | 21.15 mills per kWh | 5.69 mills per kWh |
| April | 21.15 mills per kWh | 21.15 mills per kWh | 5.69 mills per kWh |
| May | 21.15 mills per kWh | 21.15 mills per kWh | 5.69 mills per kWh |
| June | 21.15 mills per kWh | 21.15 mills per kWh | 5.69 mills per kWh |
| July | 21.15 mills per kWh | 21.15 mills per kWh | 5.69 mills per kWh |
| August | 21.15 mills per kWh | 21.15 mills per kWh | 5.69 mills per kWh |
| September | 21.15 mills per kWh | 21.15 mills per kWh | 5.69 mills per kWh |
| October | 21.15 mills per kWh | 21.15 mills per kWh | 5.69 mills per kWh |
| November | 21.15 mills per kWh | 21.15 mills per kWh | 5.69 mills per kWh |
| December | 21.15 mills per kWh | 21.15 mills per kWh | 5.69 mills per kWh |

January through December 2005, positive 5.69 mills per kWh as authorized in Final Order No. U-13553-R (2003 Power Supply Cost Recovery Reconciliation).

Issued **April 11, 2005**
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective Jan - Dec
2005, Billing Months
Issued under the authority of
Michigan Public Service Comm.
Dated: 3-29-05
Case No. U-14262

Continued from Sheet No. 25.0

The PSCR Factor to be used for January through December 2005 is a positive 21.15 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| ALL CLASSES | | |
|------------------------------------|----------------------------|---|
| <u>2005 Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> | <u>2003 Applied Reconciliation Factor</u> |
| January | 21.15 mills per kWh | 5.69 mills per kWh |
| February | 21.15 mills per kWh | 5.69 mills per kWh |
| March | 21.15 mills per kWh | 5.69 mills per kWh |
| April | 21.15 mills per kWh | 5.69 mills per kWh |
| May | 21.15 mills per kWh | 5.69 mills per kWh |
| June | 21.15 mills per kWh | 5.69 mills per kWh |
| July | 21.15 mills per kWh | 5.69 mills per kWh |
| August | 21.15 mills per kWh | 5.69 mills per kWh |
| September | 21.15 mills per kWh | 5.69 mills per kWh |
| October | 21.15 mills per kWh | 5.69 mills per kWh |
| November | 21.15 mills per kWh | 5.69 mills per kWh |
| December | 21.15 mills per kWh | 5.69 mills per kWh |

January through December 2005, positive 5.69 mills per kWh as authorized in Final Order No. U-13553-R (2003 Power Supply Cost Recovery Reconciliation).

Issued **December 23, 2004**
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective Jan – Dec
2005, Billing Months
Issued under the authority of
Michigan Public Service Comm.
Dated October 14, 2004 in
Case No. 13553-R
And 1982 PA304 Sec 6j.(9)
For implementing in
Case No. U-14262

Continued from Sheet No. 25.0

The authorized PSCR Factors to be used for January through September 2004 is a positive 23.52 mills per kWh and for the period October through December 2004 is a positive 18.00 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| ALL CLASSES | | |
|------------------------------------|----------------------------|---|
| <u>2004 Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> | <u>2003 Applied Reconciliation Factor</u> |
| January 23.52 mills per kWh | 23.52 mills per kWh | |
| February 23.52 mills per kWh | 23.52 mills per kWh | |
| March 23.52 mills per kWh | 23.52 mills per kWh | |
| April 23.52 mills per kWh | 23.52 mills per kWh | |
| May 23.52 mills per kWh | 23.52 mills per kWh | |
| June 23.52 mills per kWh | 23.52 mills per kWh | |
| July 23.52 mills per kWh | 23.52 mills per kWh | |
| August 23.52 mills per kWh | 23.52 mills per kWh | |
| September 23.52 mills per kWh | 23.52 mills per kWh | |
| October 18.00 mills per kWh | 18.00 mills per kWh | 5.50 mills per kWh |
| November 18.00 mills per kWh | 18.00 mills per kWh | 5.69 mills per kWh |
| December 18.00 mills per kWh | 18.00 mills per kWh | 5.69 mills per kWh |

November through December 2005, positive 5.69 mills per kWh as authorized in Final Order No. U-13553-R (2003 Power Supply Cost Recovery Reconciliation).

Issued **October 19, 2004**
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

| |
|---------------------------------------|
| Michigan Public Service Commission |
| October 19, 2004 |
| Filed <u>JS</u> |

Effective for bills rendered on
and after the first billing cycle
of the November 2004 billing month

Issued under the authority of
Michigan Public Service Commission
Dated: October 14, 2004 U-13553-R
Case No. U-13553-R

| |
|----------------------|
| REMOVED BY <u>RL</u> |
| DATE <u>1-4-05</u> |

Continued from Sheet No. 25.0

The authorized PSCR Factors to be used for January through September 2004 is a positive 23.52 mills per kWh and for the period October through December 2004 is a positive 18.00 mills per kWh.

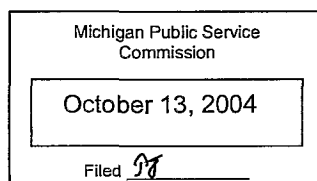
Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| ALL CLASSES | | |
|------------------------------------|----------------------------|---|
| <u>2004 Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> | <u>2003 Applied Reconciliation Factor</u> |
| January 23.52 mills per kWh | 23.52 mills per kWh | |
| February 23.52 mills per kWh | 23.52 mills per kWh | |
| March 23.52 mills per kWh | 23.52 mills per kWh | |
| April 23.52 mills per kWh | 23.52 mills per kWh | |
| May 23.52 mills per kWh | 23.52 mills per kWh | |
| June 23.52 mills per kWh | 23.52 mills per kWh | |
| July 23.52 mills per kWh | 23.52 mills per kWh | |
| August 23.52 mills per kWh | 23.52 mills per kWh | |
| September 23.52 mills per kWh | 23.52 mills per kWh | |
| October 18.00 mills per kWh | 18.00 mills per kWh | 5.50 mills per kWh |
| November 18.00 mills per kWh | 18.00 mills per kWh | 5.50 mills per kWh |
| December 18.00 mills per kWh | 18.00 mills per kWh | 5.50 mills per kWh |

CANCELLED BY
ORDER U-13553-R
REMOVED BY PJ
DATE 10-19-04

October through December 2005, positive 5.50 mills per kWh as authorized in Case No. U-13553-R (2003 Power Supply Cost Recovery Reconciliation)

Issued **September 24, 2004**
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin



Effective for bills rendered on
and after the first billing cycle
of the October 2004 billing month

Issued under the authority of
Michigan Public Service Commission
Dated: August 31, 2004
Case No. U-13553-R

Continued from Sheet No. 25.0

The authorized PSCR Factors to be used for January through September 2004 is a positive 23.52 mills per kWh and for the period October through December 2004 is a positive 18.00 mills per kWh.

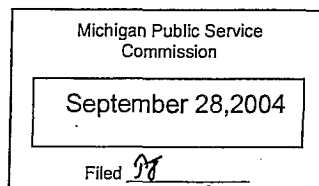
Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

| <u>2004 Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|-------------------------------------|----------------------------|
| January 23.52 mills per kWh | 23.52 mills per kWh |
| February 23.52 mills per kWh | 23.52 mills per kWh |
| March 23.52 mills per kWh | 23.52 mills per kWh |
| April 23.52 mills per kWh | 23.52 mills per kWh |
| May 23.52 mills per kWh | 23.52 mills per kWh |
| June 23.52 mills per kWh | 23.52 mills per kWh |
| July 23.52 mills per kWh | 23.52 mills per kWh |
| August 23.52 mills per kWh | 23.52 mills per kWh |
| September 23.52 mills per kWh | 23.52 mills per kWh |
| October 18.00 mills per kWh | 18.00 mills per kWh |
| November 18.00 mills per kWh | 18.00 mills per kWh |
| December 18.00 mills per kWh | 18.00 mills per kWh |

CANCELLED BY
ORDER U-13553-R
REMOVED BY PJ
DATE 10-13-04

Issued **September 24, 2004**
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin



Effective for bills rendered on
and after the first billing cycle
of the January 2004 billing month

Issued under the authority of
Michigan Public Service Commission
Dated: August 31, 2004
Case No. U-13904

Continued from Sheet No. 25.0

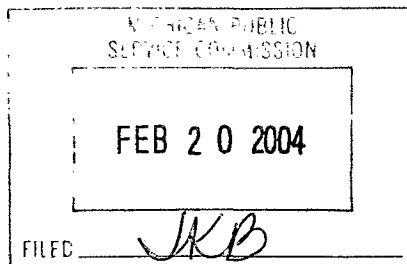
The authorized PSCR Factors to be used for each of the 12 months ending December 2004 is a positive 23.52 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

| <u>2004 Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|--------------------------------------|----------------------------|
| January 23.52 mills per kWh | 23.52 mills per kWh |
| February 23.52 mills per kWh | 23.52 mills per kWh |
| March 23.52 mills per kWh | 23.52 mills per kWh |
| April 23.52 mills per kWh | 23.52 mills per kWh |
| May 23.52 mills per kWh | 23.52 mills per kWh |
| June 23.52 mills per kWh | 23.52 mills per kWh |
| July 23.52 mills per kWh | 23.52 mills per kWh |
| August 23.52 mills per kWh | 23.52 mills per kWh |
| September 23.52 mills per kWh | 23.52 mills per kWh |
| October 23.52 mills per kWh | 23.52 mills per kWh |
| November 23.52 mills per kWh | 23.52 mills per kWh |
| December 23.52 mills per kWh | 23.52 mills per kWh |

Issued February 14, 2004
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin



Effective January 1, 2004
Issued under the authority of
Michigan Public Service Commission
Section 6j(9) of 1982 PA 304
For implementing in
Case No. U-13904

Continued from Sheet No. 25.0

The authorized PSCR Factors to be used for each of the 12 months ending December 2003 is a positive 10.89 mills per kWh.

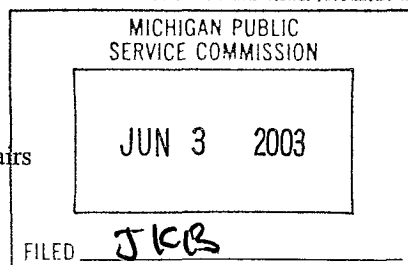
Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| | | ALL CLASSES | | |
|------------------------------------|---------------------|----------------------------|--|---|
| <u>2003 Authorized PSCR Factor</u> | | <u>Applied PSCR Factor</u> | | <u>2002 Applied Reconciliation Factor</u> |
| January | 10.89 mills per kWh | 10.89 mills per kWh | | |
| February | 10.89 mills per kWh | 10.89 mills per kWh | | -6.39 mills per kWh |
| March | 10.89 mills per kWh | 10.89 mills per kWh | | -6.39 mills per kWh |
| April | 10.89 mills per kWh | 10.89 mills per kWh | | |
| May | 10.89 mills per kWh | 10.89 mills per kWh | | |
| June | 10.89 mills per kWh | 10.89 mills per kWh | | |
| July | 10.89 mills per kWh | 10.89 mills per kWh | | |
| August | 10.89 mills per kWh | 10.89 mills per kWh | | |
| September | 10.89 mills per kWh | 10.89 mills per kWh | | |
| October | 10.89 mills per kWh | 10.89 mills per kWh | | |
| November | 10.89 mills per kWh | 10.89 mills per kWh | | |
| December | 10.89 mills per kWh | 10.89 mills per kWh | | |

Self Implementation
CANCELLED BY
ORDER LL-13904
REMOVED BY JKB
DATE 2-20-04

Issued: May 2, 2003

By: J. F. Schott
Ass't Vice President - Regulatory Affairs
Houghton, Michigan



Effective: January 1, 2003

Issued under authority of the
Michigan Public Service Commission
Dated: April 17, 2003

In Case No. U-13553

Continued from Sheet No. 25.0

The authorized PSCR Factors to be used for each of the 12 months ending December 2003 is a positive 10.89 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| | | ALL CLASSES | |
|------------------------------------|---------------------|----------------------------|---|
| <u>2003 Authorized PSCR Factor</u> | | <u>Applied PSCR Factor</u> | <u>2002 Applied Reconciliation Factor</u> |
| January | 10.89 mills per kWh | 10.89 mills per kWh | |
| February | 10.89 mills per kWh | 10.89 mills per kWh | -6.39 mills per kWh |
| March | 10.89 mills per kWh | 10.89 mills per kWh | -6.39 mills per kWh |
| April | 10.89 mills per kWh | 10.89 mills per kWh | |
| May | 10.89 mills per kWh | 10.89 mills per kWh | |
| June | 10.89 mills per kWh | 10.89 mills per kWh | |
| July | 10.89 mills per kWh | 10.89 mills per kWh | |
| August | 10.89 mills per kWh | 10.89 mills per kWh | |
| September | 10.89 mills per kWh | 10.89 mills per kWh | |
| October | 10.89 mills per kWh | 10.89 mills per kWh | |
| November | 10.89 mills per kWh | 10.89 mills per kWh | |
| December | 10.89 mills per kWh | 10.89 mills per kWh | |

*February and March 2003, Negative 6.39 mills per kWh as authorized in Case No. U-13104-R.
(2002 Power Supply Cost Recovery Reconciliation)*

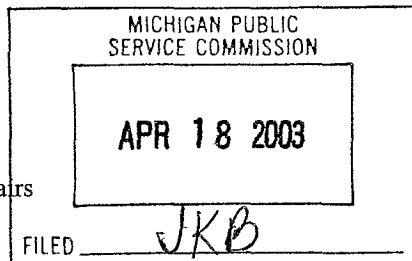
CANCELLED BY
ORDER U-13553

REMOVED BY JKB

DATE 6/3/03

Issued: February 14, 2003

By: J. F. Schott
Ass't Vice President – Regulatory Affairs
Houghton, Michigan



Effective: February 1, 2003

Issued under authority of the
Michigan Public Service Commission
Dated: February 10, 2003

In Case No. U-13104-R

Continued from Sheet No. 25.0

The authorized PSCR Factors to be used for each of the 12 months ending December 2003 is a positive 10.89 mills per kWh.

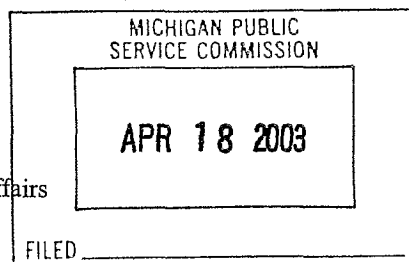
Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| | | ALL CLASSES |
|------------------------------------|---------------------|----------------------------|
| <u>2003 Authorized PSCR Factor</u> | | <u>Applied PSCR Factor</u> |
| January | 10.89 mills per kWh | 10.89 mills per kWh |
| February | 10.89 mills per kWh | 10.89 mills per kWh |
| March | 10.89 mills per kWh | 10.89 mills per kWh |
| April | 10.89 mills per kWh | 10.89 mills per kWh |
| May | 10.89 mills per kWh | 10.89 mills per kWh |
| June | 10.89 mills per kWh | 10.89 mills per kWh |
| July | 10.89 mills per kWh | 10.89 mills per kWh |
| August | 10.89 mills per kWh | 10.89 mills per kWh |
| September | 10.89 mills per kWh | 10.89 mills per kWh |
| October | 10.89 mills per kWh | 10.89 mills per kWh |
| November | 10.89 mills per kWh | 10.89 mills per kWh |
| December | 10.89 mills per kWh | 10.89 mills per kWh |

CANCELLED BY
ORDER Self-imposed U-13104-R
REMOVED BY JKB
DATE 4-18-03

Issued: February 14, 2003

By: J. F. Schott
Ass't Vice President – Regulatory Affairs
Houghton, Michigan



Effective: January 1, 2003

Issued under authority of the
Michigan Public Service Commission
Dated: February 10, 2003

In Case No. U-13553

Continued from Sheet No. 25.0

The authorized PSCR Factors to be used for each of the 12 months ending December 2002 is a positive 4.07 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| ALL CLASSES | | | |
|------------------------------------|--------------------|----------------------------|--|
| <u>2002 Authorized PSCR Factor</u> | | <u>Applied PSCR Factor</u> | <u>2000 & 2001 Applied Reconciliation Factor</u> |
| January | 4.07 mills per kWh | 4.07 mills per kWh | |
| February | 4.07 mills per kWh | 4.07 mills per kWh | -12.19 mills per kWh |
| March | 4.07 mills per kWh | 4.07 mills per kWh | -12.19 mills per kWh |
| April | 4.07 mills per kWh | 4.07 mills per kWh | -12.19 mills per kWh |
| May | 4.07 mills per kWh | 4.07 mills per kWh | 1.41 mills per kWh |
| June | 4.07 mills per kWh | 4.07 mills per kWh | 1.41 mills per kWh |
| July | 4.07 mills per kWh | 0.00 mills per kWh | 1.41 mills per kWh |
| August | 4.07 mills per kWh | 0.00 mills per kWh | 1.41 mills per kWh |
| September | 4.07 mills per kWh | 0.00 mills per kWh | |
| October | 4.07 mills per kWh | 0.00 mills per kWh | |
| November | 4.07 mills per kWh | -7.50 mills per kWh | |
| December | 4.07 mills per kWh | -7.50 mills per kWh | |

February through April 2002, Negative 12.19 mills per kWh as authorized in Case No. U-12604-R (2001 Power Supply Cost Recovery Reconciliation)

May through August 2002, 1.41 mills per kWh as authorized in Case No. U-12604-R (2000 Power Supply Cost Recovery Reconciliation)

| |
|------------------------|
| CASE NO. U-126-R |
| ORDER Self-imp U-13553 |
| REMOVED BY JKB |
| DATE 4-18-03 |

Issued: November 1, 2002

By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



Effective: November 1, 2002

Issued under authority of the
Michigan Public Service Commission
Dated November 1, 2002

In Case No. U-13104

Continued from Sheet No. 25.0

The authorized PSCR Factors to be used for each of the 12 months ending December 2002 is a positive 4.07 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

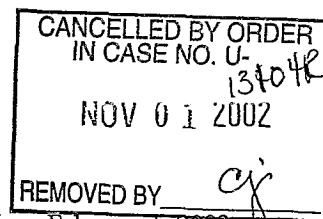
| ALL CLASSES | | |
|------------------------------------|----------------------------|--|
| <u>2002 Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> | <u>2000 & 2001 Applied Reconciliation Factor</u> |
| January 4.07 mills per kWh | 4.07 mills per kWh | |
| February 4.07 mills per kWh | 4.07 mills per kWh | -12.19 mills per kWh |
| March 4.07 mills per kWh | 4.07 mills per kWh | -12.19 mills per kWh |
| April 4.07 mills per kWh | 4.07 mills per kWh | -12.19 mills per kWh |
| May 4.07 mills per kWh | 4.07 mills per kWh | 1.41 mills per kWh |
| June 4.07 mills per kWh | 4.07 mills per kWh | 1.41 mills per kWh |
| July 4.07 mills per kWh | 0.00 mills per kWh | 1.41 mills per kWh |
| August 4.07 mills per kWh | 0.00 mills per kWh | 1.41 mills per kWh |
| September 4.07 mills per kWh | 0.00 mills per kWh | |
| October 4.07 mills per kWh | 0.00 mills per kWh | |
| November 4.07 mills per kWh | 0.00 mills per kWh | |
| December 4.07 mills per kWh | 0.00 mills per kWh | |

February through April 2002, Negative 12.19 mills per kWh as authorized in Case No. U-12604-R (2001 Power Supply Cost Recovery Reconciliation)

May through August 2002, 1.41 mills per kWh as authorized in Case No. U-12126-R (2000 Power Supply Cost Recovery Reconciliation)

Issued: August 27, 2002

By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



Effective: February 1, 2002

Issued under authority of the
Michigan Public Service Commission
Dated August 20, 2002

In Case No. U-12604-R

Continued from Sheet No. 25.0

The authorized PSCR Factors to be used for each of the 12 months ending December 2002 is a positive 4.07 mills per kWh.

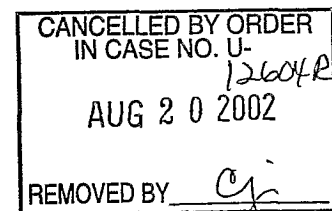
Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| ALL CLASSES | | |
|------------------------------------|----------------------------|---|
| <u>2002 Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> | <u>2000 Applied Reconciliation Factor</u> |
| January 4.07 mills per kWh | 4.07 mills per kWh | |
| February 4.07 mills per kWh | 4.07 mills per kWh | |
| March 4.07 mills per kWh | 4.07 mills per kWh | |
| April 4.07 mills per kWh | 4.07 mills per kWh | |
| May 4.07 mills per kWh | 4.07 mills per kWh | 1.41 mills per kWh |
| June 4.07 mills per kWh | 4.07 mills per kWh | 1.41 mills per kWh |
| July 4.07 mills per kWh | 4.07 mills per kWh | 1.41 mills per kWh |
| August 4.07 mills per kWh | 4.07 mills per kWh | 1.41 mills per kWh |
| September 4.07 mills per kWh | 4.07 mills per kWh | |
| October 4.07 mills per kWh | 4.07 mills per kWh | |
| November 4.07 mills per kWh | 4.07 mills per kWh | |
| December 4.07 mills per kWh | 4.07 mills per kWh | |

*May through August 2002, 1.41 mills per kWh as authorized in Case No. U-12126-R
(2000 Power Supply Cost Recovery Reconciliation)*

Issued: May 6, 2002

By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



Effective: May 1, 2002

Issued under authority of the
Michigan Public Service Commission
Dated April 16, 2002

In Case No. U-12126-R

Continued from Sheet No. 25.0

The authorized PSCR Factors to be used for each of the 12 months ending December 2002 is a positive 4.07 mills per kWh.

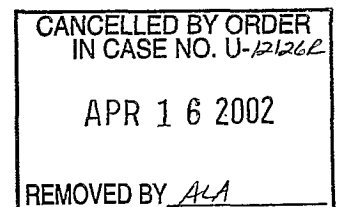
Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

| <u>2002 Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|------------------------------------|----------------------------|
| January 4.07 mills per kWh | 4.07 mills per kWh |
| February 4.07 mills per kWh | 4.07 mills per kWh |
| March 4.07 mills per kWh | 4.07 mills per kWh |
| April 4.07 mills per kWh | 4.07 mills per kWh |
| May 4.07 mills per kWh | 4.07 mills per kWh |
| June 4.07 mills per kWh | 4.07 mills per kWh |
| July 4.07 mills per kWh | 4.07 mills per kWh |
| August 4.07 mills per kWh | 4.07 mills per kWh |
| September 4.07 mills per kWh | 4.07 mills per kWh |
| October 4.07 mills per kWh | 4.07 mills per kWh |
| November 4.07 mills per kWh | 4.07 mills per kWh |
| December 4.07 mills per kWh | 4.07 mills per kWh |

Issued: April 10, 2002

By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



Effective: January 1, 2002

Issued under authority of the
Michigan Public Service Commission
Dated March 29, 2002

In Case No. U-13104

Continued from Sheet No. 25.0

The PSCR Factors to be used for January through October 2001 is a positive 9.23 mills per kWh and for November and December 2001 is 0.00 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

| <u>2001 Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|------------------------------------|----------------------------|
| January 8.85 mills per kWh | 9.23 mills per kWh |
| February 8.85 mills per kWh | 9.23 mills per kWh |
| March 8.85 mills per kWh | 9.23 mills per kWh |
| April 8.85 mills per kWh | 9.23 mills per kWh |
| May 8.85 mills per kWh | 9.23 mills per kWh |
| June 8.85 mills per kWh | 9.23 mills per kWh |
| July 8.85 mills per kWh | 9.23 mills per kWh |
| August 8.85 mills per kWh | 9.23 mills per kWh |
| September 8.85 mills per kWh | 9.23 mills per kWh |
| October 8.85 mills per kWh | 9.23 mills per kWh |
| November 8.85 mills per kWh | 0.00 mills per kWh |
| December 8.85 mills per kWh | 0.00 mills per kWh |

Issued: November 5, 2001

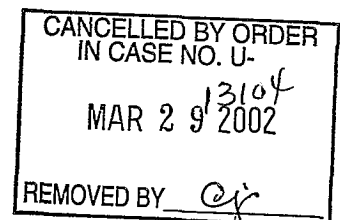
By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



Effective: November 1, 2001

Issued under authority of the
Michigan Public Service Commission
Dated October 29, 2001

In Case No. U-12604



Continued from Sheet No. 25.0

The applied PSCR Factors to be used for January through October 2001 is a positive 9.23 mills per kWh and for November and December 2001 is 0.00 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

| <u>2001 Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|------------------------------------|----------------------------|
| January | 9.23 mills per kWh |
| February | 9.23 mills per kWh |
| March | 9.23 mills per kWh |
| April | 9.23 mills per kWh |
| May | 9.23 mills per kWh |
| June | 9.23 mills per kWh |
| July | 9.23 mills per kWh |
| August | 9.23 mills per kWh |
| September | 9.23 mills per kWh |
| October | 9.23 mills per kWh |
| November | 0.00 mills per kWh |
| December | 0.00 mills per kWh |

Issued: October 24, 2001

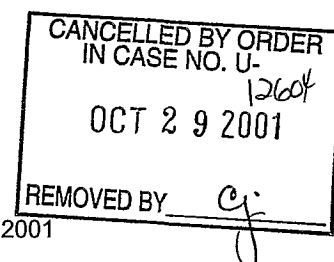
By: W.L. Bourbonnais
Manager-Rates & Econ Eval.
Houghton, Michigan



Effective: January 1, 2001

Issued under authority of the
Michigan Public Service Commission
1982 PA 304 Sec 6j(9)
and for Implementing

In Case No. U-12604



Continued from Sheet No. 25.0

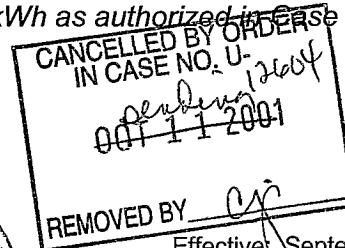
The authorized PSCR Factors to be used for each of the 12 months ending December 2000 is: + 4.46 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

| <u>2000 Authorized PSCR Factor</u> | | <u>Applied PSCR Factor</u> | <u>1999 Applied Reconciliation Factor</u> |
|------------------------------------|--------------------|----------------------------|---|
| January | 4.46 mills per kWh | 4.46 mills per kWh | |
| February | 4.46 mills per kWh | 4.46 mills per kWh | |
| March | 4.46 mills per kWh | 4.46 mills per kWh | |
| April | 4.46 mills per kWh | 4.46 mills per kWh | |
| May | 4.46 mills per kWh | 4.46 mills per kWh | |
| June | 4.46 mills per kWh | 4.46 mills per kWh | |
| July | 4.46 mills per kWh | 4.46 mills per kWh | |
| August | 4.46 mills per kWh | 4.46 mills per kWh | |
| September | 4.46 mills per kWh | 4.46 mills per kWh | 6.71 mills per kWh |
| October | 4.46 mills per kWh | 4.46 mills per kWh | 6.71 mills per kWh |
| November | 4.46 mills per kWh | 4.46 mills per kWh | 6.71 mills per kWh |
| December | 4.46 mills per kWh | 4.46 mills per kWh | 6.71 mills per kWh |

September through December 2000 6.71 mills per kWh as authorized in Case No. U-11791-R
(1999 Power Supply Cost Recovery Reconciliation)



Effective September 1, 2000

Issued: September 1, 2000

By: C. Fisher, President
Houghton, Michigan



Issued under authority of the
Michigan Public Service Commission
Dated August 17, 2000

In Case No. U-11791-R

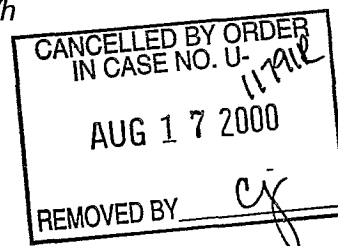
Continued from Sheet No. 25.0

*The authorized PSCR Factors to be used for each of the 12 months ending December 2000 is:
+ 4.46 mills per kWh.*

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

| <u>2000 Authorized PSCR Factor</u> | | <u>Applied PSCR Factor</u> |
|------------------------------------|--------------------|----------------------------|
| January | 4.46 mills per kWh | 4.46 mills per kWh |
| February | 4.46 mills per kWh | 4.46 mills per kWh |
| March | 4.46 mills per kWh | 4.46 mills per kWh |
| April | 4.46 mills per kWh | 4.46 mills per kWh |
| May | 4.46 mills per kWh | 4.46 mills per kWh |
| June | 4.46 mills per kWh | 4.46 mills per kWh |
| July | 4.46 mills per kWh | 4.46 mills per kWh |
| August | 4.46 mills per kWh | 4.46 mills per kWh |
| September | 4.46 mills per kWh | 4.46 mills per kWh |
| October | 4.46 mills per kWh | 4.46 mills per kWh |
| November | 4.46 mills per kWh | 4.46 mills per kWh |
| December | 4.46 mills per kWh | 4.46 mills per kWh |



Issued: January 1, 2000

By: C. Fisher, President
Houghton, Michigan



Effective: January 1, 2000

Issued under authority of the
Michigan Public Service Commission
Dated February 20, 2000

In Case No. U-12126

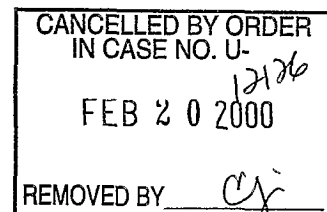
The authorized PSCR Factors to be used for each of the 12 months ending December 1999 is:
+ 1.04 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

| <u>1999 Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|------------------------------------|----------------------------|
| January 1.04 mills per kWh | 1.04 mills per kWh |
| February 1.04 mills per kWh | 1.04 mills per kWh |
| March 1.04 mills per kWh | 1.04 mills per kWh |
| April 1.04 mills per kWh | 1.04 mills per kWh |
| May 1.04 mills per kWh | 1.04 mills per kWh |
| June 1.04 mills per kWh | 1.04 mills per kWh |
| July 1.04 mills per kWh | 1.04 mills per kWh |
| August 1.04 mills per kWh | 1.04 mills per kWh |
| September 1.04 mills per kWh | 1.04 mills per kWh |
| October 1.04 mills per kWh | 1.04 mills per kWh |
| November 1.04 mills per kWh | 1.04 mills per kWh |
| December 1.04 mills per kWh | 1.04 mills per kWh |

September to December 1999 9.49 mills per kWh as authorized in Case No. U-11530-R
(1998 Power Supply Cost Recovery Reconciliation)



Issued September 1, 1999 by

C. Fisher
President
Houghton, Michigan



Effective:

September 1, 1999

Issued under authority of the
Michigan Public Service Commission

Dated August 31, 1999

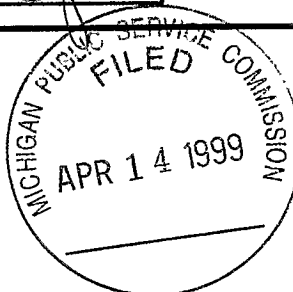
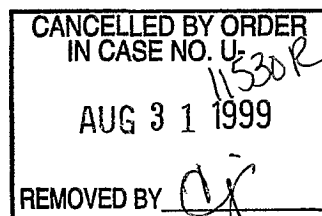
In Case No. U-11530-R

The authorized PSCR Factors to be used for each of the 12 months ending December 1999 is:
+ 1.04 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

| <u>1999 Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|------------------------------------|----------------------------|
| January 1.04 mills per kWh | 1.04 mills per kWh |
| February 1.04 mills per kWh | 1.04 mills per kWh |
| March 1.04 mills per kWh | 1.04 mills per kWh |
| April 1.04 mills per kWh | 1.04 mills per kWh |
| May 1.04 mills per kWh | 1.04 mills per kWh |
| June 1.04 mills per kWh | 1.04 mills per kWh |
| July 1.04 mills per kWh | 1.04 mills per kWh |
| August 1.04 mills per kWh | 1.04 mills per kWh |
| September 1.04 mills per kWh | 1.04 mills per kWh |
| October 1.04 mills per kWh | 1.04 mills per kWh |
| November 1.04 mills per kWh | 1.04 mills per kWh |
| December 1.04 mills per kWh | 1.04 mills per kWh |



Issued January 1, 1999 by

C. Fisher
President
Houghton, Michigan

Effective:

January 1, 1999

Issued under authority of the
Michigan Public Service Commission

Dated March 8, 1999

In Case No. U-11791

The authorized PSCR Factors to be used for each of the 12 months ending December 1998 is: - 3.20 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

CANCELLED BY ORDER
IN CASE NO. U-11791

MAR 08 1999

ALL CLASSES

REMOVED BY *cy*

| <u>1998</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|-------------|-------------------------------|----------------------------|
| January | -3.20 mills per kWh | -3.20 mills per kWh |
| February | -3.20 mills per kWh | -3.20 mills per kWh |
| March | -3.20 mills per kWh | -3.20 mills per kWh |
| April | -3.20 mills per kWh | -3.20 mills per kWh |
| May | -3.20 mills per kWh | -3.20 mills per kWh |
| June | -3.20 mills per kWh | -3.20 mills per kWh |
| July | -3.20 mills per kWh | -3.20 mills per kWh |
| August | -3.20 mills per kWh | -3.20 mills per kWh |
| September | -3.20 mills per kWh | -3.20 mills per kWh |
| October | -3.20 mills per kWh | -3.20 mills per kWh |
| November | -3.20 mills per kWh | -3.20 mills per kWh |
| December | -3.20 mills per kWh | -3.20 mills per kWh |

Issued January 1, 1998

C. Fisher
President
Houghton, Michigan



Effective:

January 1, 1998

Issued under authority of the
Michigan Public Service Commission

Dated January 8, 1998

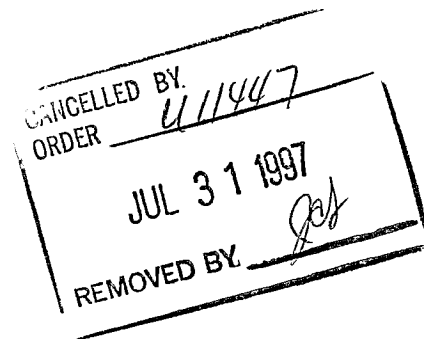
In Case No. U-11530

The authorized PSCR Factors to be used for each of the 12 months ending December 1997 is: - 1.47 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

| <u>1997</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|-------------|-------------------------------|----------------------------|
| January | -1.47 mills per kWh | -1.47 mills per kWh |
| February | -1.47 mills per kWh | -1.47 mills per kWh |
| March | -1.47 mills per kWh | -1.47 mills per kWh |
| April | -1.47 mills per kWh | -1.47 mills per kWh |
| May | -1.47 mills per kWh | -1.47 mills per kWh |
| June | -1.47 mills per kWh | -1.47 mills per kWh |
| July | -1.47 mills per kWh | -1.47 mills per kWh |
| August | -1.47 mills per kWh | -1.47 mills per kWh |
| September | -1.47 mills per kWh | -1.47 mills per kWh |
| October | -1.47 mills per kWh | -1.47 mills per kWh |
| November | -1.47 mills per kWh | -1.47 mills per kWh |
| December | -1.47 mills per kWh | -1.47 mills per kWh |



Effective:

January 1, 1997

Issued January 1, 1997 by

C. Fisher
President
Houghton, Michigan



Issued under authority of the
Michigan Public Service Commission

Dated December 20, 1996

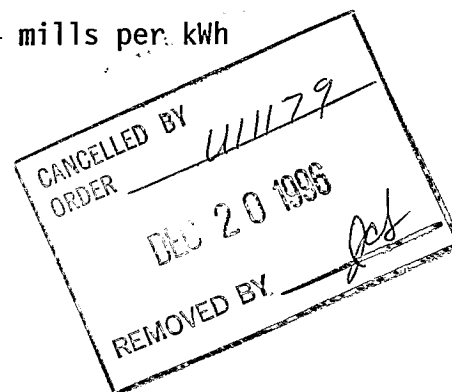
In Case No. U-11179

The authorized PSQR Factors to be used for each of the 12 months ending December 1996 is: $-.78$ mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

| <u>1996</u> | <u>Authorized PSQR Factor</u> | <u>Applied PSQR Factor</u> |
|-------------|-------------------------------|----------------------------|
| January | $-.78$ mills per kWh | $-.78$ mills per kWh |
| February | $-.78$ mills per kWh | $-.78$ mills per kWh |
| March | $-.78$ mills per kWh | $-.78$ mills per kWh |
| April | $-.78$ mills per kWh | $-.78$ mills per kWh |
| May | $-.78$ mills per kWh | $-.78$ mills per kWh |
| June | $-.78$ mills per kWh | $-.78$ mills per kWh |
| July | $-.78$ mills per kWh | $-.78$ mills per kWh |
| August | $-.78$ mills per kWh | $-.78$ mills per kWh |
| September | $-.78$ mills per kWh | -5.4 mills per kWh |
| October | $-.78$ mills per kWh | -5.4 mills per kWh |
| November | $-.78$ mills per kWh | -5.4 mills per kWh |
| December | $-.78$ mills per kWh | -5.4 mills per kWh |



Issued August 15, 1996 by

C. Fisher
President
Houghton, Michigan



Effective:

September 1, 1996

Issued under authority of the
Michigan Public Service Commission

Dated February 22, 1996

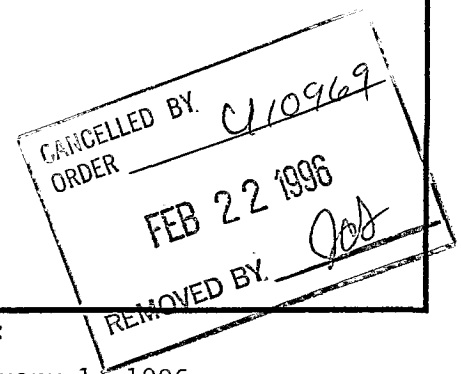
In Case No. U-10969

The authorized PSCR Factors to be used for each of the 12 months ending December 1996 is: $-.78$ mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

| <u>1996</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|-------------|-------------------------------|----------------------------|
| January | $-.78$ mills per kWh | $-.78$ mills per kWh |
| February | $-.78$ mills per kWh | $-.78$ mills per kWh |
| March | $-.78$ mills per kWh | $-.78$ mills per kWh |
| April | $-.78$ mills per kWh | $-.78$ mills per kWh |
| May | $-.78$ mills per kWh | $-.78$ mills per kWh |
| June | $-.78$ mills per kWh | $-.78$ mills per kWh |
| July | $-.78$ mills per kWh | $-.78$ mills per kWh |
| August | $-.78$ mills per kWh | $-.78$ mills per kWh |
| September | $-.78$ mills per kWh | $-.78$ mills per kWh |
| October | $-.78$ mills per kWh | $-.78$ mills per kWh |
| November | $-.78$ mills per kWh | $-.78$ mills per kWh |
| December | $-.78$ mills per kWh | $-.78$ mills per kWh |



Issued March 1, 1996 by

C. Fisher
President
Houghton, Michigan



Effective:

January 1, 1996

Issued under authority of the
Michigan Public Service Commission

Dated February 22, 1996

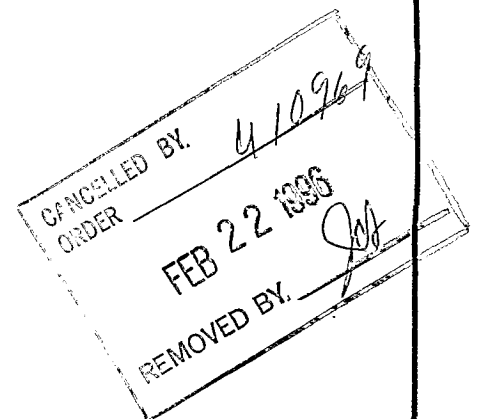
In Case No. U-10969

The authorized PSCR Factors to be used for each of the 12 months ending December 1995 is: -2.21 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

| <u>1995</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|-------------|-------------------------------|----------------------------|
| January | -2.21 mills per kWh | -2.21 mills per kWh |
| February | -2.21 mills per kWh | -2.21 mills per kWh |
| March | -2.21 mills per kWh | -2.21 mills per kWh |
| April | -2.21 mills per kWh | -2.21 mills per kWh |
| May | -2.21 mills per kWh | -2.21 mills per kWh |
| June | -2.21 mills per kWh | -2.21 mills per kWh |
| July | -2.21 mills per kWh | -2.21 mills per kWh |
| August | -2.21 mills per kWh | -2.21 mills per kWh |
| September | -2.21 mills per kWh | -2.21 mills per kWh |
| October | -2.21 mills per kWh | -2.21 mills per kWh |
| November | -2.21 mills per kWh | -2.21 mills per kWh |
| December | -2.21 mills per kWh | -2.21 mills per kWh |



Issued January 18, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

January 1, 1995

Issued under authority of the
Michigan Public Service Commission

Dated January 11, 1995

In Case No. U-10706

The authorized PSCR Factors to be used for each of the 12 months ending December 1994 is: -0.35 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

| <u>1994</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|-------------|-------------------------------|----------------------------|
| January | | 0.63 mills per kWh |
| February 14 | | 0.63 mills per kWh |
| February 15 | -0.35 mills per kWh | -0.35 mills per kWh |
| March | -0.35 mills per kWh | -0.35 mills per kWh |
| April | -0.35 mills per kWh | -0.35 mills per kWh |
| May | -0.35 mills per kWh | -0.35 mills per kWh |
| June | -0.35 mills per kWh | -0.35 mills per kWh |
| July | -0.35 mills per kWh | -0.35 mills per kWh |
| August | -0.35 mills per kWh | -1.50 mills per kWh |
| September | -0.35 mills per kWh | -1.50 mills per kWh |
| October | -0.35 mills per kWh | -1.50 mills per kWh |
| November | -0.35 mills per kWh | -1.50 mills per kWh |
| December | -0.35 mills per kWh | -1.50 mills per kWh |

*Cancelled
Jan 11, 1995
Case No. U-10706*

Issued February 21, 1994 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after February 9, 1994

Issued under authority of the
Michigan Public Service Commission

Dated February 9, 1994

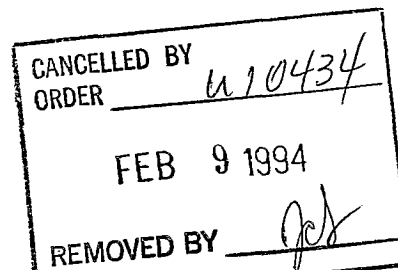
In Case No. U-10434

The authorized PSCR Factors to be used for each of the 12 months ending December 1994 is: -0.35 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

| <u>1994</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|-------------|-------------------------------|----------------------------|
| January | | 0.63 mills per kWh |
| February 14 | | 0.63 mills per kWh |
| February 15 | -0.35 mills per kWh | -0.35 mills per kWh |
| March | -0.35 mills per kWh | -0.35 mills per kWh |
| April | -0.35 mills per kWh | -0.35 mills per kWh |
| May | -0.35 mills per kWh | -0.35 mills per kWh |
| June | -0.35 mills per kWh | -0.35 mills per kWh |
| July | -0.35 mills per kWh | -0.35 mills per kWh |
| August | -0.35 mills per kWh | -0.35 mills per kWh |
| September | -0.35 mills per kWh | -0.35 mills per kWh |
| October | -0.35 mills per kWh | -0.35 mills per kWh |
| November | -0.35 mills per kWh | -0.35 mills per kWh |
| December | -0.35 mills per kWh | -0.35 mills per kWh |



Issued February 21, 1994 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after February 9, 1994

Issued under authority of the
Michigan Public Service Commission

Dated February 9, 1994

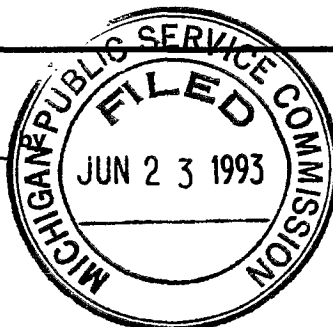
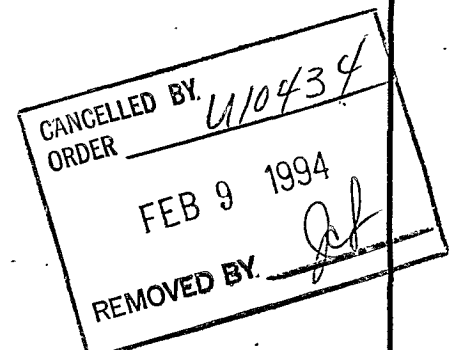
In Case No. U-10434

The authorized PSCR Factors to be used for each of the 12 months ending December 1993 is: 0.00 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

ALL CLASSES

| <u>1993</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|--------------|-------------------------------|----------------------------|
| January | 0 mills per kWh | -3.92 mills per kWh |
| February | 0 mills per kWh | -3.92 mills per kWh |
| March | 0 mills per kWh | -3.92 mills per kWh |
| April | 0 mills per kWh | -3.92 mills per kWh |
| May 11, 1993 | 0 mills per kWh | -3.92 mills per kWh |
| May 12, 1993 | 0 mills per kWh | 0 mills per kWh |
| June | 0 mills per kWh | 0 mills per kWh |
| July | 0 mills per kWh | 0 mills per kWh |
| August | 0 mills per kWh | 0 mills per kWh |
| September | 0 mills per kWh | 0 mills per kWh |
| October | 0 mills per kWh | 0 mills per kWh |
| November | 0 mills per kWh | 0 mills per kWh |
| December | 0 mills per kWh | 0 mills per kWh |



Issued _____

C. Fisher
President
Houghton, Michigan

Effective: For services rendered
on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

The authorized PSCR Factors to be used for each of the 12 months ending December 1993 is: -3.92 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1993</u> | <u>Applied PSCR Factor - All Classes</u> |
|-------------|--|
| January | -3.92 mills per kWh |

CANCELLED BY 1410094
ORDER
MAY 11 1993
REMOVED BY JS

Issued January 14, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: for electric service rendered
on and after January 1, 1993

Issued under authority of the
Michigan Public Service Commission

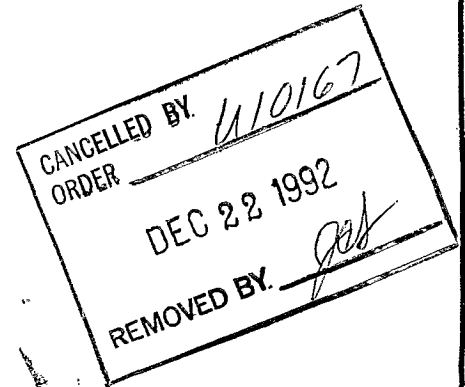
Dated December 22, 1992

In Case No. U-10167

The authorized PSCR Factors to be used for each of the 12 months ending December 1992 is: -0.36 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1992</u> | <u>Applied PSCR Factor - All Classes</u> |
|-------------|--|
| January | -0.36 mills per kWh |



Issued January 3, 1992 by

C. Fisher
President
Houghton, Michigan



Effective: for electric service rendered
on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

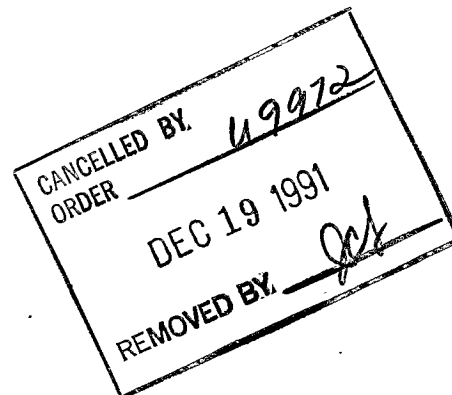
Dated December 19, 1991

In Case No. U-9972

The authorized PSCR Factors to be used for each of the 12 months ending December 1991 is: -1.23 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1991</u> | <u>Applied PSCR Factor - All Classes</u> |
|----------------------|--|
| January | -1.67 mills per kWh |
| February | -1.67 mills per kWh |
| March | -1.23 mills per kWh |
| April | -1.23 mills per kWh |
| May <i>thru Dec.</i> | 0.00 mills per kWh |



Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



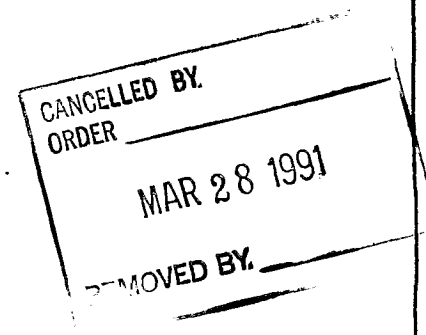
Effective: Bills issued on and
after May 1, 1991

Issued under authority of the
Michigan Public Service Commission
Dated March 28, 1991
In Case No. U-9785

The authorized PSCR Factors to be used for each of the 12 months ending December 1991 is: -1.23 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1991</u> | <u>Applied PSCR Factor - All Classes</u> |
|-------------|--|
| January | -1.67 mills per kWh |
| February | -1.67 mills per kWh |
| March | -1.23 mills per kWh |



Issued February 18, 1991 by

E. Argentati
President
Houghton, Michigan



Effective:

January 1, 1991

Issued under authority of the
Michigan Public Service Commission

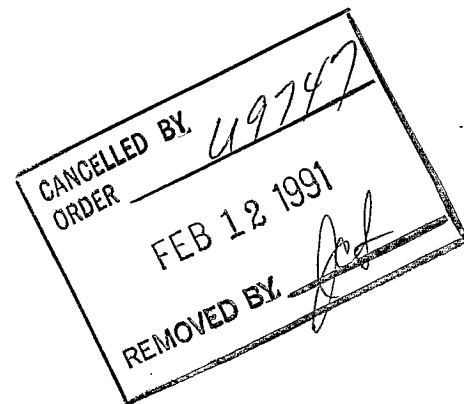
Dated February 12, 1991

In Case No. U-9747

The authorized PSCR Factors to be used for each of the 12 months ending December 1990 is: -3.89 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1990</u> | <u>Applied PSCR Factor - All Classes</u> |
|-------------|--|
| January | -3.89 mills per kWh |
| February | -3.89 mills per kWh |



Issued February 15, 1990 by

E. Argentati
President
Houghton, Michigan



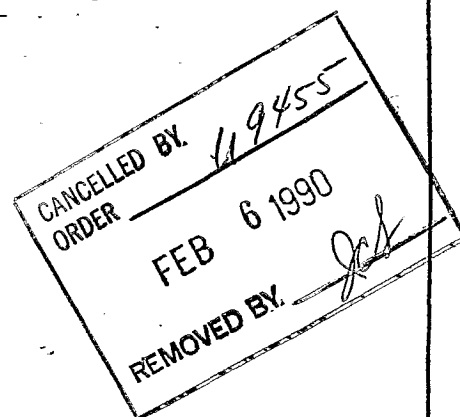
Effective for electric service
rendered on and after

January 1, 1990
Issued under authority of the
Michigan Public Service Commission
Dated February 6, 1990
In Case No. U-9455

The authorized PSCR Factors to be used for each of the 12 months ending December 1989 is: -4.41 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1989</u> | <u>Applied PSCR Factor - All Classes</u> |
|-------------|--|
| January | -4.41 mills per kWh |



Issued February 10, 1989 by

E. Argentati
President
Houghton, Michigan



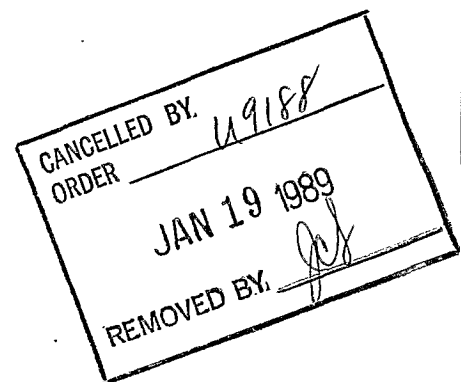
Effective for electric service
rendered on and after
January 1, 1989

Issued under authority of the
Michigan Public Service Commission
Dated January 19, 1989
In Case No. U-9188

The authorized PSCR Factors to be used for each of the 12 months ending December 1988 is: -4.77 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1988</u> | <u>Applied PSCR Factor - All Classes</u> |
|-------------|--|
| January | -4.77 mills per kWh |
| February | -4.77 mills per kWh |
| March | -4.77 mills per kWh |
| April | -4.77 mills per kWh |
| May | -4.77 mills per kWh |
| June | -4.77 mills per kWh |
| July | -4.77 mills per kWh |
| August | -4.77 mills per kWh |
| September | -4.77 mills per kWh |



Issued September 27, 1988 by

E. Argentati
President
Houghton, Michigan



Effective for electric service
rendered on and after

January 1, 1988

Issued under authority of the
Michigan Public Service Commission

Dated June 28, 1988

In Case No. U-8902

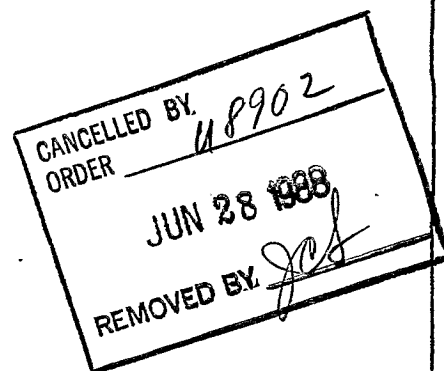
The authorized PSCR Factors to be used for each of the 12 months ending December 1987 is: -3.17 mills per Kwh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

1988

Applied PSCR Factor - All Classes

| | |
|----------|---------------------|
| January | -4.77 mills per Kwh |
| February | -4.77 mills per Kwh |
| March | -4.77 mills per Kwh |
| April | -4.77 mills per Kwh |



Issued April 8, 1988 by

E. Argentati
President
Houghton, Michigan



Effective for electric service
rendered on and after

January 1, 1987

Issued under authority of the
Michigan Public Service Commission

Dated September 29, 1987

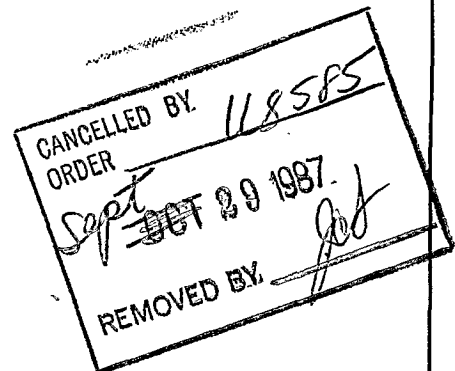
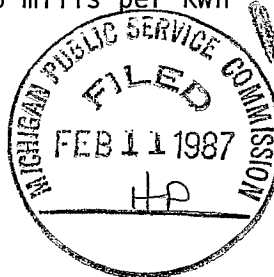
In Case No. U-8585

The authorized PSCR Factors to be used for each of the 12 months ending December 1986 are: -4.78 mills per Kwh for WP-1 customers and -5.28 mills per Kwh for all other customers.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1986</u> | <u>Applied PSCR Factor-WP-1</u> | <u>Applied PSCR Factor - Other</u> |
|-------------|---------------------------------|------------------------------------|
| January | -4.65 mills per Kwh | -5.13 mills per Kwh |
| February | -7.01 mills per Kwh | -7.74 mills per Kwh |
| March | -7.01 mills per Kwh | -7.74 mills per Kwh |
| April | -7.01 mills per Kwh | -7.74 mills per Kwh |
| May | -8.06 mills per Kwh | -8.90 mills per Kwh |
| June | -8.06 mills per Kwh | -8.90 mills per Kwh |
| July | -8.06 mills per Kwh | -8.90 mills per Kwh |
| August | -8.06 mills per Kwh | -8.90 mills per Kwh |
| September | -8.06 mills per Kwh | -8.90 mills per Kwh |
| October | -9.11 mills per Kwh | -10.05 mills per Kwh |
| November | -9.11 mills per Kwh | -10.05 mills per Kwh |
| December | -9.11 mills per Kwh | -10.05 mills per Kwh |

| <u>1987</u> | <u>Applied PSCR Factor - All Classes</u> |
|-------------|--|
| January | -3.56 mills per Kwh |
| February | -3.56 mills per Kwh |
| March | -3.56 mills per Kwh |
| April | -3.56 mills per Kwh |
| May | -3.56 mills per Kwh |
| June | -3.56 mills per Kwh |
| July | -3.56 mills per Kwh |
| August | -3.56 mills per Kwh |
| September | -3.56 mills per Kwh |
| October | -3.56 mills per Kwh |
| November | -3.56 mills per Kwh |
| December | -3.56 mills per Kwh |



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

| | |
|---|-------------------------------|
| N | Continued from Sheet No. 25.1 |
|---|-------------------------------|

Integrated System

N
N
N
N
N

N
N
N
N
N
N
N
N
N
N
N
N

Issued 3-15-07
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the billing months
of October-Dec 2006
Issued under the authority of
Mich Public Serv Comm
Dated 9-26-06
Case No. U-14262-R

RATE "E":

Emergency Service to Industrial Facilities who do not purchase firm power from Company.

WHO MAY TAKE SERVICE:

Any Industrial Customer who has not less than 3000 kW of owned generation on line.

TERRITORY APPLICABLE:

All territory served in the Company's Interconnected System.

CHARACTER OF SERVICE:

Three-phase alternating current, 60 hertz at standard available voltages. If, as and when available, and is interruptible without notice.

RATE:

Capacity charge per month: \$.50 per kW

Energy charge per month: 110% of out-of-pocket cost to Company

CONTRACT:

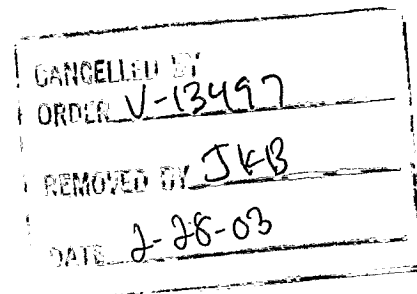
One year or more.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

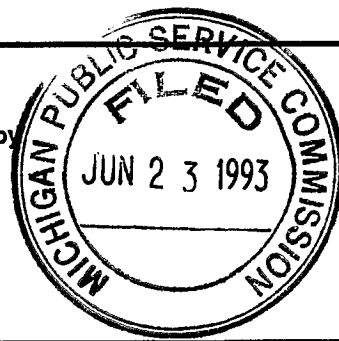
DETERMINATION OF BILLING DEMAND:

The billing demand shall be as established by contract, but not greater than the capacity of the customer's generation.



Issued June 1, 1993

C. Fisher
President
Houghton, Michigan



Effective: For services rendered on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE CAB - TV POLE CONTACT RENTAL RATE

WHO MAY TAKE SERVICE:

All attaching parties as defined in 1980 PA 470, MCLA 460.6g.

TERRITORY APPLICABLE:

All territory served in the Company's Integrated System.

CHARACTER OF SERVICE:

Permission for attachment of cables, wires and appurtenances to the Company's facilities, where reasonably available and where such use will not interfere with the Company's own service requirements or the use of its facilities by others, including considerations of economy and safety, and where such use is permitted by law.

RATE:

Initial Application Fee: \$1.00 per pole

Attachment Fee: \$4.95 per pole per annum based upon the number of poles to which attachments are actually made on the first day of July each year.

TERMS OF PAYMENT:

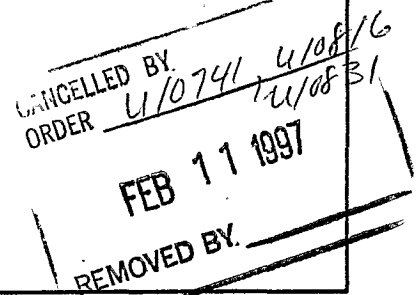
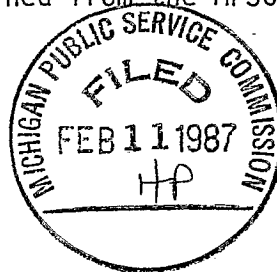
Due and payable annually, in advance, on the first day of August of each year.

RULES APPLYING:

Utility pole attachments are governed by 1980 PA 470, MCLA 460.6g and any rules promulgated by the MPSC applicable thereto.

SPECIAL TERMS AND CONDITIONS:

All cable television companies are required to enter into the standard license and pole contact agreement filed with the MPSC in Case No. U-8164 and are governed by the terms of that agreement, except for any such terms that are inconsistent with the regulatory jurisdiction and authority of the MPSC. Each agreement shall have an initial term of one year or more. Approval of agreements with attaching parties other than cable television companies will be obtained from the MPSC.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "A-2" - RESIDENTIAL SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes. This rate is also available to certain multiple dwellings in accordance with the standard rules. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

DISTRIBUTION SERVICE

POWER SUPPLY SERVICE (Optional)

Service Charge:

\$6.00 per customer per month plus,

Energy Charge:

5.368¢ per kWh for all kWh

Energy Charge:

3.449¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are due in 17 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

CONTRACT: None required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

D

Issued: 4-30-05
By J F Schott
VP - Regulatory Affairs
Green Bay, Wisconsin

Effective for Service
On and After: 6-27-05
Issued Under Auth. of
Mich Public Serv Comm
Dated 3-29-05
In Case No: U-14346

RATE "A-2" - RESIDENTIAL SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes. This rate is also available to certain multiple dwellings in accordance with the standard rules. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

DISTRIBUTION SERVICE

Service Charge:

\$6.00 per customer per month plus,

Energy Charge:

5.368¢ per kWh for all kWh

POWER SUPPLY SERVICE (Optional)

Energy Charge:

3.449¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY-CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are due in 17 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

CONTRACT: None required.

RULES APPLYING:

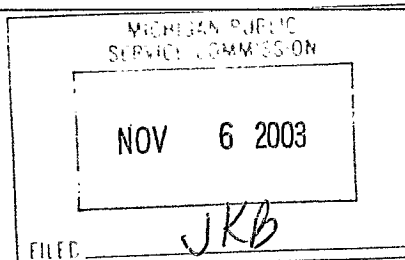
Service is governed by the Company's Standard Rules and Regulations.

AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct cost of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications of the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kWh delivered.

Issued: 9-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin



Effective for Service
On and After: 4-17-03
Issued Under Auth. of
Mich Public Serv Comm
Dated 4-17-03
In Case No: U-12133

RATE "A-2" - RESIDENTIAL SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes. This rate is also available to certain multiple dwellings in accordance with the standard rules. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE: DISTRIBUTION SERVICE

Service Charge:

\$6.00 per customer per month plus,

Energy Charge:

5.368¢ per kWh for all kWh

POWER SUPPLY SERVICE (Optional)

Energy Charge:

3.449¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are due in 17 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon. ~~CANCELLED BY ORDER~~ U-12133

CONTRACT: None required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations. ~~DATE~~ 11/6/03

AUXILIARY POWER PROVISION:

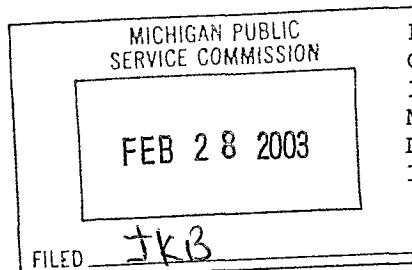
Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct cost of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications of the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kWh delivered.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "A-2" - RESIDENTIAL SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes. This rate is also available to certain multiple dwellings in accordance with the standard rules. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

DISTRIBUTION SERVICE

Service Charge:

\$4.46 per customer per month plus,

Energy Charge:

4.029¢ per kWh for all kWh

POWER SUPPLY SERVICE (Optional)

Energy Charge:

4.221¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers, the annual service charge shall be \$68.40.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT: None required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct cost of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications of the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kWh delivered.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.

Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Authority of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12133 & U-12650

CANCELLED BY
U-13497
JKB
2-28-03

RATE "A-2" - RESIDENTIAL SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$4.46 per customer per month plus,

Energy Charge:
8.25¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers, the annual service charge shall be \$68.40.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT: None required.

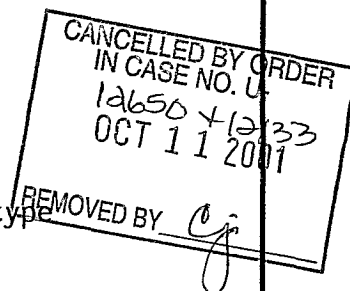
RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct cost of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications of the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kWh delivered.



Effective:

May 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated April 27, 1995

In Case No. U-10829

Issued May 16, 1995 by

C. Fisher
President
Houghton, Michigan



RATE "A-2" - RESIDENTIAL SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$4.46 per customer per month plus,

Energy Charge:
8.27¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers, the annual service charge shall be \$68.40.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT: None required.

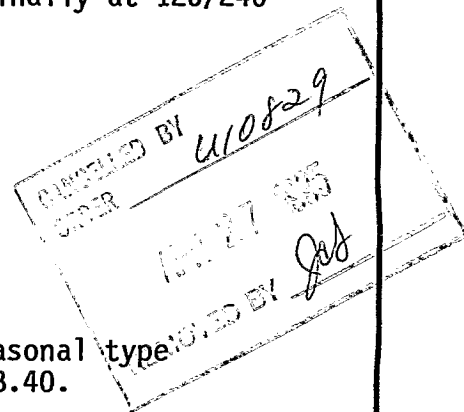
RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct cost of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications of the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kWh delivered.



Issued March 17, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

April 1995 Billing Cycle

**Issued under authority of the
Michigan Public Service Commission**

Dated March 10, 1995

In Case No. U-10802

RATE "A-2" - RESIDENTIAL SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$4.46 per customer per month plus,

Energy Charge:
8.71¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers, the annual service charge shall be \$68.40.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT: None required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct cost of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications of the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kWh delivered.

RECEIVED BY 410822
122 10 1993
REMOVED BY Jot

Issued December 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "A-2" - RESIDENTIAL SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$4.45 per customer per month plus,

Energy Charge:
8.51¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers, the annual service charge shall be \$68.40.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT: None required.

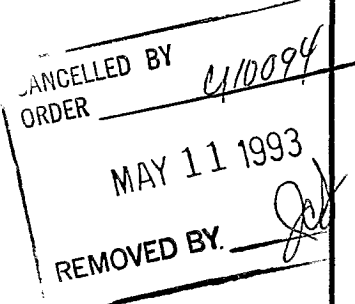
RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

AUXILIARY POWER PROVISION:

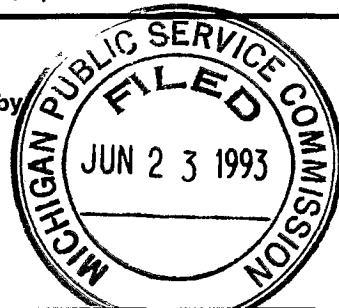
Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct cost of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications of the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kWh delivered.



Issued June 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "A-2" - RESIDENTIAL SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$4.11 per customer per month plus,

Energy Charge:
7.95¢ per kwh for all kwh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers, the annual service charge shall be \$62.40.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT: None required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

AUXILIARY POWER PROVISION:

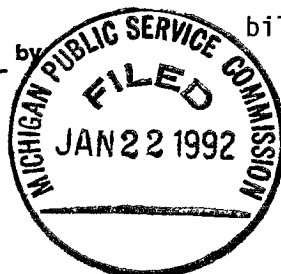
Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct cost of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications of the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kwh delivered.

CANCELLED BY
ORDER 410094
MAY 11 1993
REMOVED BY Jct

Issued January 3, 1992

C. Fisher
President
Houghton, Michigan



Effective: Bills issued for the first
billing cycle on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "A-2" - RESIDENTIAL SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$3.97 per customer per month plus,

Energy Charge:
7.71¢ per kwh for all kwh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers, the annual service charge shall be \$60.24.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT: None required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct cost of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications of the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kwh delivered.

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and after May 1, 1991

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "A-2" - RESIDENTIAL SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$3.97 per customer per month plus,

Energy Charge:
7.92¢ per kwh for all kwh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers, the annual service charge shall be \$60.24.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT: None required.

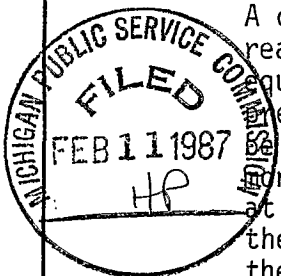
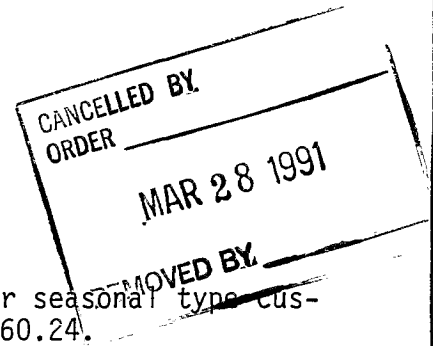
RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct cost of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications of the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kwh delivered.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "AH-2" - RESIDENTIAL ELECTRIC HEATING - SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes, provided the major electric space heating facilities are permanently installed and are the primary source of space heating. This rate is also available to certain multiple dwellings in accordance with the standard rules. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE: ---

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE: DISTRIBUTION SERVICE

Service Charge:

\$6.00 per customer per month plus,

Energy Charge:

For billing months of June through September

5.610¢ per kWh for all kWh

For billing months of October through May

5.610¢ per kWh for the first 500 kWh

3.200¢ per kWh for the excess

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY SERVICE (Optional)

Energy Charge:

For billing months of June through September

3.139¢ per kWh for all kWh

For billing months of October through May

3.139¢ per kWh for the first 500 kWh

4.300¢ per kWh for the excess

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

D

Issued: 9-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

| |
|---------------------------------------|
| MICHIGAN PUBLIC SERVICE COMMISSION |
| NOV 6 2003 |
| FILED <u>JKB</u> |

Effective for Service
On and After: 4-17-03
Issued Under Auth. of
Mich Public Serv Comm
Dated 4-17-03
In Case No: U-12133

RATE "AH-2" - RESIDENTIAL ELECTRIC HEATING - SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes, provided the major electric space heating facilities are permanently installed and are the primary source of space heating. This rate is also available to certain multiple dwellings in accordance with the standard rules. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE: DISTRIBUTION SERVICE

Service Charge:

\$6.00 per customer per month plus,

Energy Charge:

For billing months of June through September

5.610¢ per kWh for all kWh

For billing months of October through May

5.610¢ per kWh for the first 500 kWh

3.200¢ per kWh for the excess

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY SERVICE (Optional)

Energy Charge:

For billing months of June through September

3.139¢ per kWh for all kWh

For billing months of October through May

3.139¢ per kWh for the first 500 kWh

4.300¢ per kWh for the excess

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.

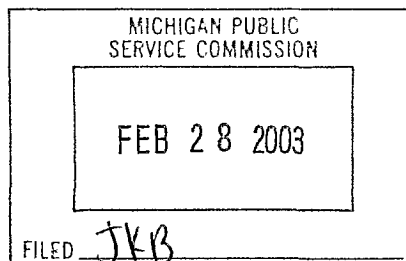
CANCELLED BY

ORDER U-12133

REMOVED BY JKB

DATE 11/6/03

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "AH-2" - RESIDENTIAL ELECTRIC HEATING - SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes, provided the major electric space heating facilities are permanently installed and are the primary source of space heating. This rate is also available to certain multiple dwellings in accordance with the standard rules. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE: DISTRIBUTION SERVICE

Service Charge:
\$4.46 per customer per month plus,

Energy Charge:

For billing months of June through September

3.711¢ per kWh for all kWh

For billing months of October through May

3.711¢ per kWh for the first 500 kWh

3.005¢ per kWh for the excess

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be \$68.40.

POWER SUPPLY SERVICE (Optional)

Energy Charge:

For billing months of June through September

4.539¢ per kWh for all kWh

For billing months of October through May

4.539¢ per kWh for the first 500 kWh

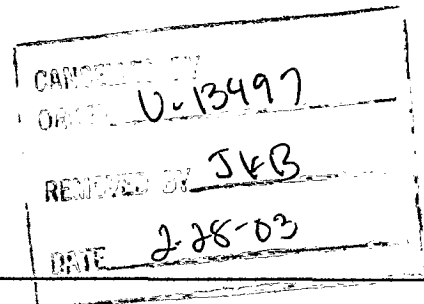
3.675¢ per kWh for the excess

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.



Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12133 & U-12650

RATE "AH-2" - RESIDENTIAL ELECTRIC HEATING
SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes, provided the major electric space heating facilities are permanently installed and are the primary source of space heating. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$4.46 per customer per month plus,

Energy Charge:
For billing months of June through September
8.25¢ per kWh for all kWh
For billing months of October through May
8.25¢ per kWh for the first 500 kWh
6.68¢ per kWh for the excess

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be \$68.40.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Separately metered water heating on a separate circuit is available under rate "W-2".

CANCELLED BY ORDER
IN CASE NO. U-
12650-12133
OCT 11 2001

REMOVED BY *aj*

Effective:

May 1995 Billing Cycle

Issued May 16, 1995

by

C. Fisher
President
Houghton, Michigan



Issued under authority of the
Michigan Public Service Commission

Dated April 27, 1995

In Case No. U-10829

RATE "AH-2" - RESIDENTIAL ELECTRIC HEATING
SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes, provided the major electric space heating facilities are permanently installed and are the primary source of space heating. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$4.46 per customer per month plus,

Energy Charge:

For billing months of June through September

8.27¢ per kWh for all kWh

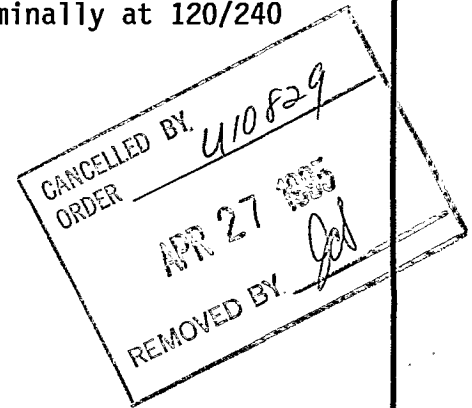
For billing months of October through May

8.27¢ per kWh for the first 500 kWh

6.70¢ per kWh for the excess

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be \$68.40.



POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Separately metered water heating on a separate circuit is available under rate "W-2".

Issued March 17, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

April 1995 Billing Cycle

**Issued under authority of the
Michigan Public Service Commission**

Dated March 10, 1995

In Case No. U-10802

RATE "AH-2" - RESIDENTIAL ELECTRIC HEATING
SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes, provided the major electric space heating facilities are permanently installed and are the primary source of space heating. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$4.46 per customer per month plus,

Energy Charge:
For billing months of June through September
8.71¢ per kWh for all kWh
For billing months of October through May
8.71¢ per kWh for the first 500 kWh
7.03¢ per kWh for the excess

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be \$68.40.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

None required.

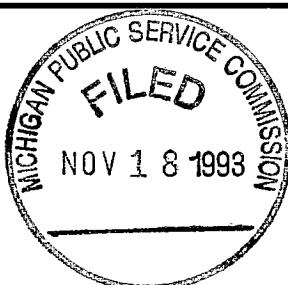
RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Separately metered water heating on a separate circuit is available under rate "W-2".

RECEIVED BY 6/10/802
JES

Issued December 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "AH-2" - RESIDENTIAL ELECTRIC HEATING
SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes, provided the major electric space heating facilities are permanently installed and are the primary source of space heating. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$4.45 per customer per month plus,

Energy Charge:

For billing months of June through September

8.51¢ per kWh for all kWh

For billing months of October through May

8.51¢ per kWh for the first 500 kWh

6.98¢ per kWh for the excess

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be \$68.40.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

None required.

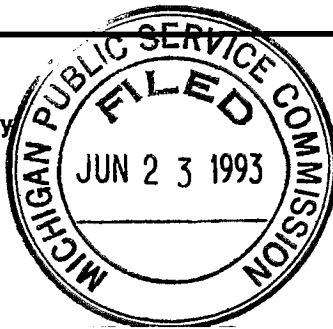
RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Separately metered water heating on a separate circuit is available under rate "W-2".

CANCELLED BY
ORDER 410094
MAY 11 1993

Issued June 1, 1993

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "AH-2" - RESIDENTIAL ELECTRIC HEATING
SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes, provided the major electric space heating facilities are permanently installed and are the primary source of space heating. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$4.11 per customer per month plus,

Energy Charge:
For billing months of June through September
7.95¢ per kwh for all kwh
For billing months of October through May
7.95¢ per kwh for the first 500 kwh
6.50¢ per kwh for the excess

CANCELLED BY. 4/10094
ORDER
MAY 11 1993
REMOVED BY. QCS

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be \$62.40.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

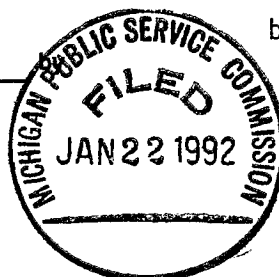
None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Separately metered water heating on a separate circuit is available under rate "W-2".

Issued January 3, 1992

C. Fisher
President
Houghton, Michigan



Effective: Bills issued for the first
billing cycle on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "AH-2" - RESIDENTIAL ELECTRIC HEATING
SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes, provided the major electric space heating facilities are permanently installed and are the primary source of space heating. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$3.97 per customer per month plus,

Energy Charge:
For billing months of June through September
7.71¢ per kwh for all kwh
For billing months of October through May
7.71¢ per kwh for the first 500 kwh
6.30¢ per kwh for the excess

CANCELLED BY 49785
ORDER
MAR 28 1991
REMOVED BY JS

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be \$60.24.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Separately metered water heating on a separate circuit is available under rate "W-2".

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and
after May 1, 1991

Issued under authority of the
Michigan Public Service Commission
Dated March 28, 1991
In Case No. U-9785

RATE "AH-2" - RESIDENTIAL ELECTRIC HEATING
SERVICE - URBAN AND RURAL

WHO MAY TAKE SERVICE:

Any customer in a single family dwelling or a duplex for residential and farm purposes, provided the major electric space heating facilities are permanently installed and are the primary source of space heating. This rate is also available to certain multiple dwellings in accordance with the standard rules.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$3.97 per customer per month plus,

Energy Charge:
For billing months of June through September
7.92¢ per kwh for all kwh
For billing months of October through May
7.92¢ per kwh for the first 500 kwh
6.63¢ per kwh for the excess

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be \$60.24.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

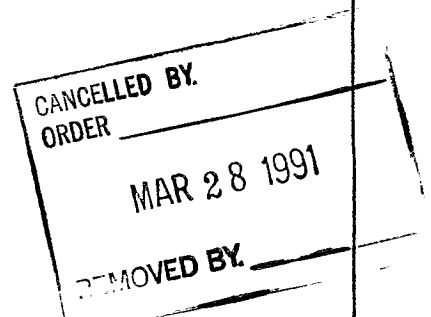
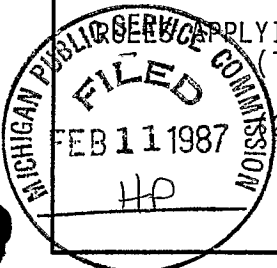
Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

None required.

APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Separately metered water heating on a separate circuit is available under rate "W-2".



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "AH-2" - RESIDENTIAL ELECTRIC HEATING - SERVICE - URBAN AND RURAL (Cont'd.)

TERMS OF PAYMENT:

Bills are due in 17 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Separately metered water heating on a separate circuit is available under rate "A-2".

D

Issued: 4-30-05
By J F Schott
VP - Regulatory Affairs
Green Bay, Wisconsin

Effective for Service
On and After: 6-27-05
Issued Under Auth. of
Mich Public Serv Comm
Dated 3-29-05
In Case No: U-14346

RATE "AH-2" - RESIDENTIAL ELECTRIC HEATING - SERVICE - URBAN AND RURAL (Cont'd.)

TERMS OF PAYMENT:

Bills are due in 17 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Separately metered water heating on a separate circuit is available under rate "A-2".

AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct costs of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications off the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kWh delivered.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin

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|---------------------------------------|
| MICHIGAN PUBLIC SERVICE COMMISSION |
| FEB 28 2003 |
| FILED <u>JKB</u> |

Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "AH-2" - RESIDENTIAL ELECTRIC HEATING - SERVICE - URBAN AND RURAL (Cont'd.)

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

None required.

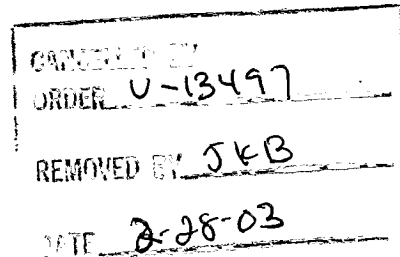
RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Separately metered water heating on a separate circuit is available under rate "W-2".

AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct costs of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications off the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kWh delivered.



Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin

Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12650

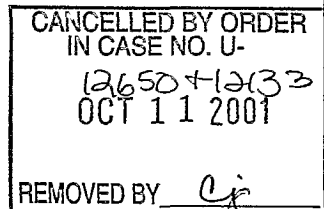
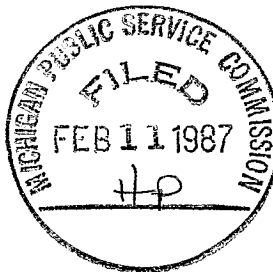


RATE "AH-2" - RESIDENTIAL ELECTRIC HEATING
SERVICE - URBAN AND RURAL (Cont'd.)

AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct costs of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications off the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kwh delivered.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "C-2" - GENERAL SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial or industrial purpose with a billing demand of 25 kW or less. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE: DISTRIBUTION SERVICE

Service Charge:

\$9.00 per customer per month plus,

Energy Charge:

4.490¢ per kWh for all kWh

POWER SUPPLY SERVICE (Optional)

Energy Charge:

4.230¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Conjunctional billing will not be permitted in cases where the customer is presently being served lighting and power loads through separate meters. In these instances, whenever the customer, at his expense, will arrange his wiring to receive energy through one single metered service, then this rate shall apply to his entire requirements.

Issued: 9-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

| |
|---------------------------------------|
| MICHIGAN PUBLIC SERVICE COMMISSION |
| NOV 6 2003 |
| FILED <i>JKB</i> |

Effective for Service
On and After: 4-17-03
Issued Under Auth. of
Mich Public Serv Comm
Dated 4-17-03
In Case No: U-12133

RATE "C-2" - GENERAL SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial or industrial purpose with a billing demand of 25 kW or less. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

DISTRIBUTION SERVICE

Service Charge:

\$9.00 per customer per month plus,

Energy Charge:

4.490¢ per kWh for all kWh

POWER SUPPLY SERVICE (Optional)

Energy Charge:

4.230¢ per kWh for all kWh

CANCELLED BY

ORDER U-12133

REMOVED BY JKB

DATE 11/6/03

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Conjunctional billing will not be permitted in cases where the customer is presently being served lighting and power loads through separate meters. In these instances, whenever the customer, at his expense, will arrange his wiring to receive energy through one single metered service, then this rate shall apply to his entire requirements.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin

MICHIGAN PUBLIC
SERVICE COMMISSION

FEB 28 2003

FILED

JKB

Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "C-2" - GENERAL SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial or industrial purpose with a billing demand of 25 kW or less. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE: DISTRIBUTION SERVICE

Service Charge:
\$7.37 per customer per month plus,

Energy Charge:
3.409¢ per kWh for all kWh

POWER SUPPLY SERVICE (Optional)

Energy Charge:
4.571¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be 12 times the monthly service charge.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are due 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Conjunctional billing will not be permitted in cases where the customer is presently being served lighting and power loads through separate meters. In these instances, whenever the customer, at his expense, will arrange his wiring to receive energy through one single metered service, then this rate shall apply to his entire requirements.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.

Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12133 & U-12650

RATE "C-2" - GENERAL SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial or industrial purpose with a billing demand of 25 kW or less.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Service Charge:
\$7.37 per customer per month plus,

Energy Charge:
7.98¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be 12 times the monthly service charge.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are due 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Conjunctional billing will not be permitted in cases where the customer is presently being served lighting and power loads through separate meters. In these instances, whenever the customer, at his expense, will arrange his wiring to receive energy through one single metered service, then this rate shall apply to his entire requirements.

CANCELLED BY ORDER
IN CASE NO. U-
12650 + 12133
OCT 11 2001

Issued May 16, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

May 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated April 27, 1995

In Case No. U-10829

REMOVED BY

[Signature]

RATE "C-2" - GENERAL SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial or industrial purpose with a billing demand of 25 kW or less.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Service Charge:
\$7.37 per customer per month plus,

Energy Charge:
8.00¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be 12 times the monthly service charge.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

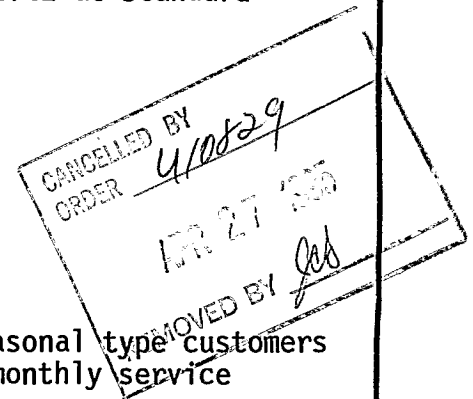
Bills are due 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Conjunctural billing will not be permitted in cases where the customer is presently being served lighting and power loads through separate meters. In these instances, whenever the customer, at his expense, will arrange his wiring to receive energy through one single metered service, then this rate shall apply to his entire requirements.



Issued March 17, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

April 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated March 10, 1995

In Case No. U-10802

RATE "C-2" - GENERAL SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial or industrial purpose with a billing demand of 25 kW or less.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60. hertz at standard available voltages.

RATE:

Service Charge:
\$7.37 per customer per month plus,

Energy Charge:
8.54¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be 12 times the monthly service charge.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

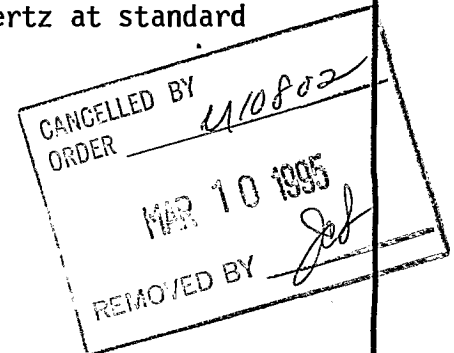
Bills are due 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Conjunctional billing will not be permitted in cases where the customer is presently being served lighting and power loads through separate meters. In these instances, whenever the customer, at his expense, will arrange his wiring to receive energy through one single metered service, then this rate shall apply to his entire requirements.



Issued December 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "C-2" - GENERAL SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial or industrial purpose with a billing demand of 25 kW or less.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Service Charge:
\$7.35 per customer per month plus,

Energy Charge:
8.45¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be 12 times the monthly service charge.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are due 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

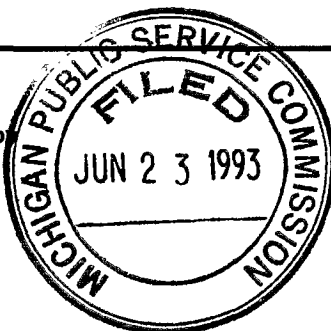
CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Conjunctional billing will not be permitted in cases where the customer is presently being served lighting and power loads through separate meters. In these instances, whenever the customer, at his expense, will arrange his wiring to receive energy through one single metered service, then this rate shall apply to his entire requirements.

CANCELLED BY
ORDER U-10094
MAY 11 1993



Issued June 1, 1993

C. Fisher
President
Houghton, Michigan

Effective: For service rendered
on and after MAY 12 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "C-2" - GENERAL SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial or industrial purpose with a billing demand of 25 KW or less.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Service Charge:
\$6.82 per customer per month plus,

Energy Charge:
8.06¢ per kwh for all kwh

CANCELLED BY
ORDER 4410094

MAY 11 1993

REMOVED BY

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be 12 times the monthly service charge.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are due 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

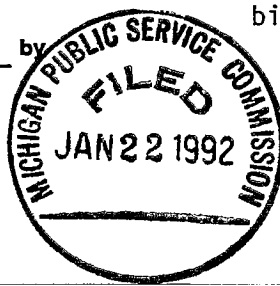
RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Conjunctional billing will not be permitted in cases where the customer is presently being served lighting and power loads through separate meters. In these instances, whenever the customer, at his expense, will arrange his wiring to receive energy through one single metered service, then this rate shall apply to his entire requirements.

Effective: Bills issued for the first
billing cycle on and after January 1, 1992

Issued January 3, 1992

C. Fisher
President
Houghton, Michigan



Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "C-2" - GENERAL SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial or industrial purpose with a billing demand of 25 KW or less.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Service Charge:
\$6.69 per customer per month plus,

Energy Charge:
7.90¢ per kwh for all kwh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers the annual service charge shall be 12 times the monthly service charge.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are due 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Conjunctional billing will not be permitted in cases where the customer is presently being served lighting and power loads through separate meters. In these instances, whenever the customer, at his expense, will arrange his wiring to receive energy through one single metered service, then this rate shall apply to his entire requirements.

CANCELLED BY U9785
ORDER
MAR 28 1991
REMOVED BY [Signature]

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and after May 1, 1991

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "C-2" - GENERAL SERVICE

WHO MAY TAKE SERVICE:

Any customer for commercial or industrial purposes.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Service Charge:
\$6.69 per customer per month plus,

Energy Charge:
8.26¢ per kwh for all kwh

MINIMUM CHARGE:

The service charge included in the rate. For seasonal type customers, the annual service charge shall be \$80.28.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

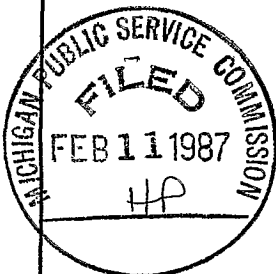
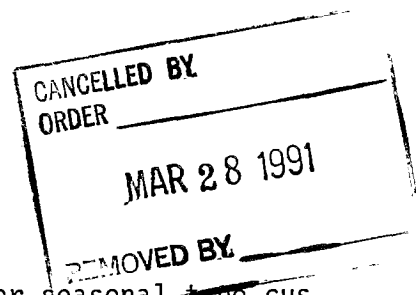
Bills are due 21 days from date of bill. There will be a late payment penalty of 2% for payments received after the due date.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Conjunctional billing will not be permitted in cases where the customer is presently being served lighting and power loads through separate meters. In these instances, whenever the customer, at his expense, will arrange his wiring to receive energy through one single metered service, then this rate shall apply to his entire requirements.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

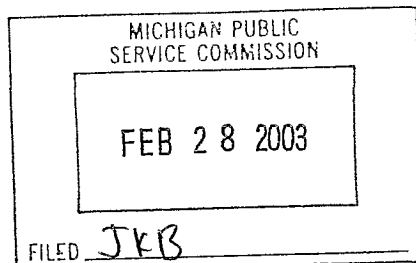
RATE "C-2" - GENERAL SERVICE (Cont'd.)

AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct costs of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications off the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kWh delivered.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



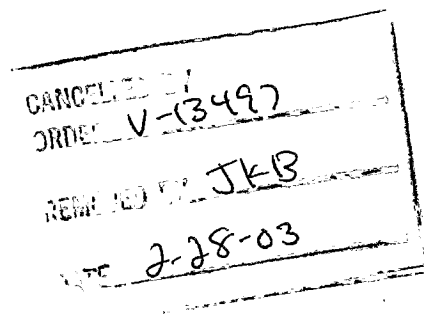
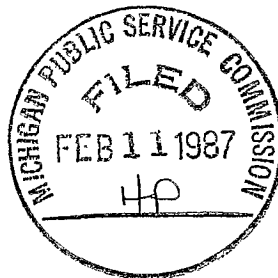
Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "C-2" - GENERAL SERVICE (Cont'd.)

AUXILIARY POWER PROVISION:

Customers desiring electric service as an auxiliary source of power to wind or solar powered generating equipment may take service under this rate schedule under special agreement with the Company.

A customer taking auxiliary power under this rate shall pay all reasonable direct costs of metering, controlling and protective equipment necessitated by the presence of a source of power on his premises. Minor modifications off the premises of the customer shall be the responsibility of the Company. The customer shall pay a monthly customer charge of \$5.00 per month and shall pay for energy at the energy charges set forth in the rate. For energy delivered to the Company by the customer, the Company shall pay for such energy at the rate of 3.0¢ per kwh delivered.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "H-2" - COMMERCIAL ELECTRIC HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for separately metered space heating loads provided that for space heating their major electric space heating facilities are permanently installed and are the primary source of space heating. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

DISTRIBUTION SERVICE

Service Charge:

\$10.02 per customer per month plus,

Energy Charge:

For billing months of June through September

4.408¢ per kWh for all kWh

For billing months of October through May

4.408¢ per kWh for the first 1,000 kWh per month

2.697¢ per kWh for the excess

POWER SUPPLY SERVICE (Optional)

Energy Charge:

For billing months of June through September

3.922¢ per kWh for all kWh

For billing months of October through May

3.922¢ per kWh for the first 1,000 kWh per month

4.370¢ per kWh for the excess

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

CONTRACT:

None

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued: 9-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

MICHIGAN PUBLIC
SERVICE COMMISSION

NOV 6 2003

FILED

JKB

Effective for Service
On and After: 4-17-03
Issued Under Auth. of
Mich Public Serv Comm
Dated 4-17-03
In Case No: U-12133

RATE "H-2" - COMMERCIAL ELECTRIC HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for separately metered space heating loads provided that for space heating their major electric space heating facilities are permanently installed and are the primary source of space heating. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE: DISTRIBUTION SERVICE

Service Charge:

\$10.02 per customer per month plus,

Energy Charge:

For billing months of June through September

4.408¢ per kWh for all kWh

For billing months of October through May

4.408¢ per kWh for the first 1,000 kWh per month

2.697¢ per kWh for the excess

POWER SUPPLY SERVICE (Optional)

Energy Charge:

For billing months of June through September

3.922¢ per kWh for all kWh

For billing months of October through May

3.922¢ per kWh for the first 1,000 kWh per month

4.370¢ per kWh for the excess

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

CONTRACT:

None

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.

CANCELLED BY
ORDER U-12133
REMOVED BY JKB
DATE 11/6/03

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin

MICHIGAN PUBLIC
SERVICE COMMISSION

FEB 28 2003

FILED JKB

Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "H-2" - COMMERCIAL ELECTRIC HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for separately metered space heating loads provided that for space heating their major electric space heating facilities are permanently installed and are the primary source of space heating. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

DISTRIBUTION SERVICE

Service Charge:

\$7.20 per customer per month plus,

Energy Charge:

For billing months of June through September

2.792¢ per kWh for all kWh

For billing months of October through May

2.792¢ per kWh for the first 1,000 kWh per month

2.622¢ per kWh for the excess

POWER SUPPLY SERVICE (Optional)

Energy Charge:

For billing months of June through September

4.588¢ per kWh for all kWh

For billing months of October through May

4.588¢ per kWh for the first 1,000 kWh per month

4.308¢ per kWh for the excess

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are due within 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.

CANCELLED
U-13497
REMOVED BY JEB
DATE 2-28-03

Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12133 & U-12650

RATE "H-2" - COMMERCIAL ELECTRIC HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for separately metered space heating loads provided that for space heating their major electric space heating facilities are permanently installed and are the primary source of space heating.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:

\$7.20 per customer per month plus,

Energy Charge:

For billing months of June through September

7.38¢ per kWh for all kWh

For billing months of October through May

7.38¢ per kWh for the first 1,000 kWh per month

6.93¢ per kWh for the excess

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are due within 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY ORDER
IN CASE NO. U-
12650 + 12133
OCT 11 2001

REMOVED BY *Cf*

Issued May 16, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

May 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated April 27, 1995

In Case No. U-10829

RATE "H-2" - COMMERCIAL ELECTRIC HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for separately metered space heating loads provided that for space heating their major electric space heating facilities are permanently installed and are the primary source of space heating.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$7.20 per customer per month plus,

Energy Charge:

For billing months of June through September
7.40¢ per kWh for all kWh

For billing months of October through May
7.40¢ per kWh for the first 1,000 kWh per month
6.95¢ per kWh for the excess

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

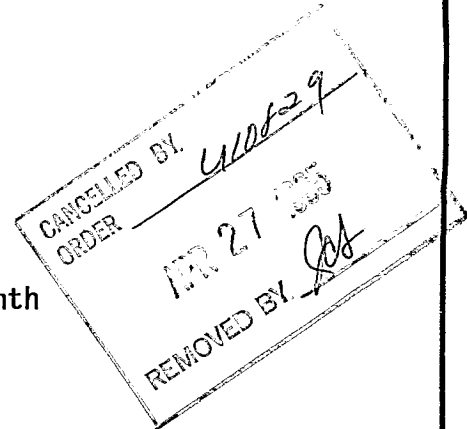
Bills are due within 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None

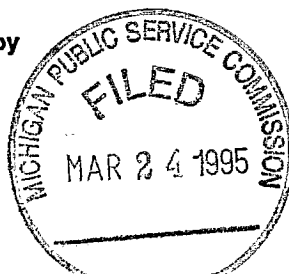
RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued March 17, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

April 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated March 10, 1995

In Case No. U-10802

RATE "H-2" - COMMERCIAL ELECTRIC HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for separately metered space heating loads provided that for space heating their major electric space heating facilities are permanently installed and are the primary source of space heating.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

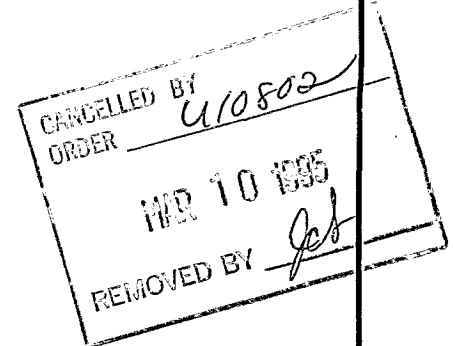
CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$7.20 per customer per month plus,

Energy Charge:
For billing months of June through September
7.94¢ per kWh for all kWh
For billing months of October through May
7.94¢ per kWh for the first 1,000 kWh per month
7.42¢ per kWh for the excess



MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are due within 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued December 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "H-2" - COMMERCIAL ELECTRIC HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for separately metered space heating loads provided that for space heating their major electric space heating facilities are permanently installed and are the primary source of space heating.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$7.20 per customer per month plus,

Energy Charge:
For billing months of June through September
7.84¢ per kwh for all kwh
For billing months of October through May
7.84¢ per kwh for the first 1,000 kwh per month
7.29¢ per kwh for the excess

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

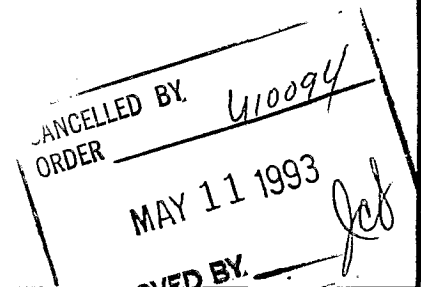
Bills are due within 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None

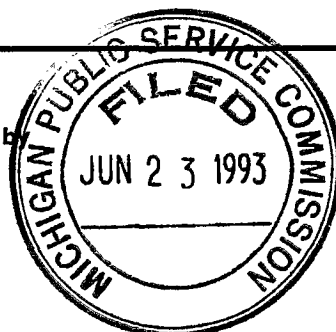
RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued June 1, 1993

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "H-2" - COMMERCIAL ELECTRIC HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for separately metered space heating loads provided that for space heating their major electric space heating facilities are permanently installed and are the primary source of space heating.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$6.67 per customer per month plus,

Energy Charge: For billing months of June through September
7.30¢ per kwh for all kwh
For billing months of October through May
7.30¢ per kwh for the first 1,000 kwh per month
6.82¢ per kwh for the excess

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are due within 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY
ORDER 110094
MAY 11 1993
REMOVED BY Jef

Issued January 3, 1992 by

C. Fisher
President
Houghton, Michigan



Effective: Bills issued for the first
billing cycle on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "H-2" - COMMERCIAL ELECTRIC HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for separately metered space heating loads provided that for space heating their major electric space heating facilities are permanently installed and are the primary source of space heating.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:
\$6.53 per customer per month plus,

Energy Charge: For billing months of June through September
7.15¢ per kwh for all kwh
For billing months of October through May
7.15¢ per kwh for the first 1,000 kwh per month
6.68¢ per kwh for the excess

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

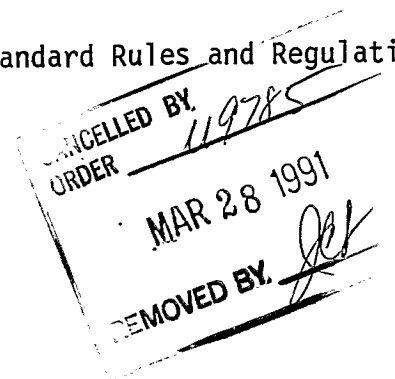
Bills are due within 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and
after May 1, 1991

Issued under authority of the
Michigan Public Service Commission
Dated March 28, 1991
In Case No. U-9785

RATE "H-2" - COMMERCIAL ELECTRIC HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for separately metered space heating loads provided that for space heating their major electric space heating facilities are permanently installed and are the primary source of space heating.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz, nominally at 120/240 volts.

RATE:

Service Charge:

\$6.53 per customer per month plus,

Energy Charge:

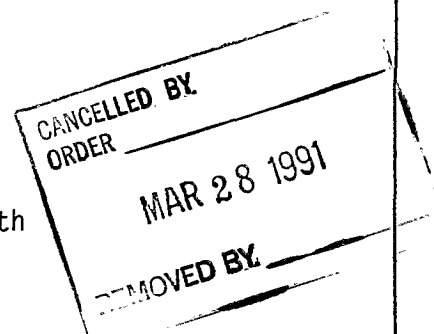
For billing months of June through September

7.58¢ per kwh for all kwh

For billing months of October through May

7.58¢ per kwh for the first 1,000 kwh per month

6.96¢ per kwh for the excess



MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

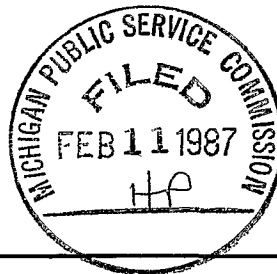
Bills are due within 20 days from date of bill. There will be a late payment penalty of 2% for payments received after the due date.

CONTRACT:

None

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "P-2" - LIGHT AND POWER SERVICE

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand greater than 25 kW but less than 200 kW. To qualify, the customer must maintain a demand greater than 25 kW for three consecutive months in any twelve-month period. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

DISTRIBUTION SERVICE

Capacity charge per kW of billing demand per month:
\$5.50 per kW

Energy Charge:

2.430¢ per kWh for the first 200 kWh per kW of billing demand
1.425¢ per kWh for the excess

POWER SUPPLY SERVICE (Optional)

Energy Charge:

4.580¢ per kWh for the first 200 kWh per kW of billing demand
4.227¢ per kWh for the excess

MINIMUM CHARGE:

The capacity charge for 25 kW or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

Issued: 9-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

| |
|---------------------------------------|
| MICHIGAN PUBLIC SERVICE COMMISSION |
| NOV 6 2003 |
| FILED JKB |

Effective for Service
On and After: 4-17-03
Issued Under Auth. of
Mich Public Serv Comm
Dated 4-17-03
In Case No: U-12133

RATE "P-2" - LIGHT AND POWER SERVICE

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand greater than 25 kW but less than 200 kW. To qualify, the customer must maintain a demand greater than 25 kW for three consecutive months in any twelve-month period. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

DISTRIBUTION SERVICE

Capacity charge per kW of billing demand per month:
\$5.50 per kW

Energy Charge:

2.430¢ per kWh for the first 200 kWh per kW of billing demand
1.425¢ per kWh for the excess

POWER SUPPLY SERVICE (Optional)

Energy Charge:

4.580¢ per kWh for the first 200 kWh per kW of billing demand
4.227¢ per kWh for the excess

MINIMUM CHARGE:

The capacity charge for 25 kW or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.

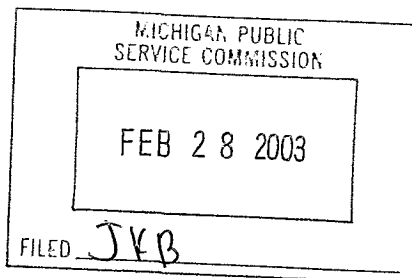
CANCELLED BY

ORDER U-12133

REMOVED BY JKB

DATE 11/6/03

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "P-2" - LIGHT AND POWER SERVICE

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand greater than 25 kW but less than 200 kW. To qualify, the customer must maintain a demand greater than 25 kW for three consecutive months in any twelve-month period. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

DISTRIBUTION SERVICE

Capacity charge per kW of billing demand per month:
\$5.12 per kW

Energy Charge:

1.264¢ per kWh for the first 200 kWh per kW of billing demand
1.078¢ per kWh for the excess

POWER SUPPLY SERVICE (Optional)

Energy Charge:

4.916¢ per kWh for the first 200 kWh per kW of billing demand
4.192¢ per kWh for the excess

MINIMUM CHARGE:

The capacity charge for 25 kW or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.

CANCELLED BY
ORDER U-13497

RECEIVED JKB

DATE 2-28-03

Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12133 & U-12650

RATE "P-2" - LIGHT AND POWER SERVICE

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand greater than 25 kW but less than 200 kW. To qualify, the customer must maintain a demand greater than 25 kW for three consecutive months in any twelve-month period.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per kW of billing demand per month:
\$5.12 per kW

Energy Charge:

6.18¢ per kWh for the first 200 kWh per kW of billing demand
5.27¢ per kWh for the excess

MINIMUM CHARGE:

The capacity charge for 25 kW or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be a maximum 15-minute demand during the month but not less than 25 kW.

CONTRACT:

One year or more.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY ORDER
IN CASE NO. U-
12650+12132
OCT 11 2001

REMOVED BY *Cy*

Issued May 16, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

May 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated April 27, 1995

In Case No. U-10829

RATE "P-2" - LIGHT AND POWER SERVICE

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand greater than 25 kW but less than 200 kW. To qualify, the customer must maintain a demand greater than 25 kW for three consecutive months in any twelve-month period.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per kW of billing demand per month:
\$5.12 per kW

Energy Charge:

6.20¢ per kWh for the first 200 kWh per kW of billing demand
5.29¢ per kWh for the excess

MINIMUM CHARGE:

The capacity charge for 25 kW or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

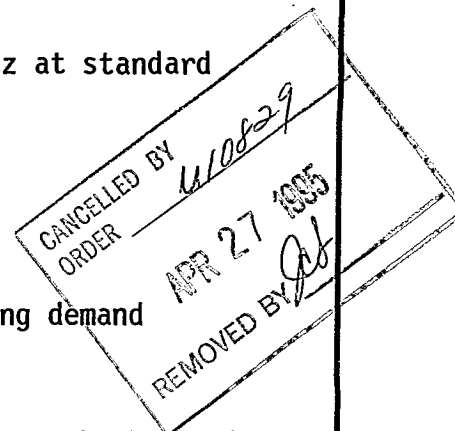
Billing demand shall be a maximum 15-minute demand during the month but not less than 25 kW.

CONTRACT:

One year or more.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued March 17, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

April 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated March 10, 1995

In Case No. U-10802

RATE "P-2" - LIGHT AND POWER SERVICE

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand greater than 25 kW but less than 200 kW. To qualify, the customer must maintain a demand greater than 25 kW for three consecutive months in any twelve-month period.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

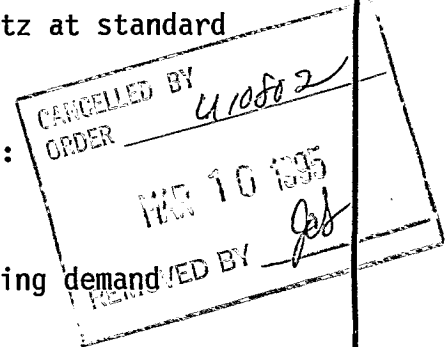
Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per kW of billing demand per month:
\$5.61 per kW

Energy Charge:

6.74¢ per kWh for the first 200 kWh per kW of billing demand
5.72¢ per kWh for the excess



MINIMUM CHARGE:

The capacity charge for 25 kW or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be a maximum 15-minute demand during the month but not less than 25 kW.

CONTRACT:

One year or more.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued December 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "P-2" - LIGHT AND POWER SERVICE

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand greater than 25 kW but less than 200 kW. To qualify, the customer must maintain a demand greater than 25 kW for three consecutive months in any twelve-month period.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per kW of billing demand per month:
\$5.60 per kW

Energy Charge:

6.68¢ per kWh for the first 200 kWh per kW of billing demand
5.68¢ per kWh for the excess

MINIMUM CHARGE:

The capacity charge for 25 kW or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be a maximum 15-minute demand during the month but not less than 25 kW.

CONTRACT:

One year or more.

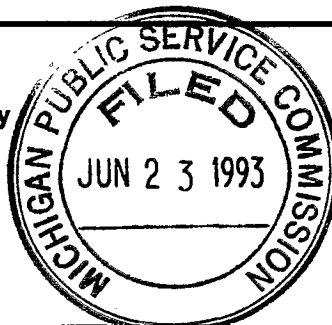
RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY
ORDER 410094
MAY 11 1993
RENEGOTIATIONS.

Issued June 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "P-2" - LIGHT AND POWER SERVICE

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand greater than 25 KW but less than 200 KW. To qualify, the customer must maintain a demand greater than 25 KW for three consecutive months in any twelve month period.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at available voltages.

RATE:

Capacity charge per kw of billing demand per month:
\$5.31 per kw

Energy Charge:

6.36¢ per kwh for the first 200 kwh per kw of billing demand
5.44¢ per kwh for the excess

MINIMUM CHARGE:

The capacity charge for 25 kw or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be a maximum 15 minute demand during the month but not less than 25 kw.

CONTRACT:

One year or more.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY
ORDER U-10094
MAY 11 1993
REMOVED BY JS
at Board

Issued January 3, 1992

C. Fisher
President
Houghton, Michigan



Effective: Bills issued for the first
billing cycle on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "P-2" - LIGHT AND POWER SERVICE

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand greater than 25 KW but less than 200 KW. To qualify, the customer must maintain a demand greater than 25 KW for three consecutive months in any twelve month period.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per kw of billing demand per month:
\$5.23per kw

Energy Charge:

6.23¢ per kwh for the first 200 kwh per kw of billing demand
5.33¢ per kwh for the excess

MINIMUM CHARGE:

The capacity charge for 25 kw or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be a maximum 15 minute demand during the month but not less than 25 kw.

CONTRACT:

One year or more.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and
after May 1, 1991

Issued under authority of the
Michigan Public Service Commission
Dated March 28, 1991
In Case No. U-9785

RATE "P-2" - LIGHT AND POWER SERVICE

WHO MAY TAKE SERVICE:

Any customer for light and power purposes when the billing demand is 25 kilowatts or more.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

CHARACTER OF SERVICE:

Single or three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per kw of billing demand per month:
\$5.23 per kw

Energy Charge:

6.43¢ per kwh for the first 200 kwh per kw of billing demand
5.91¢ per kwh for the excess

MINIMUM CHARGE:

The capacity charge for 25 kw or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. There will be a late payment penalty of 2% of the net bill for payments received after the due date.

DETERMINATION OF BILLING DEMAND:

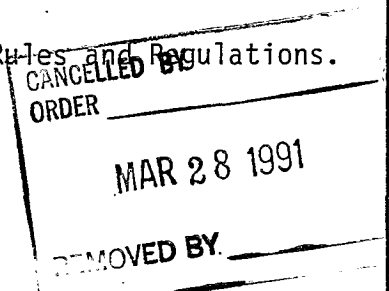
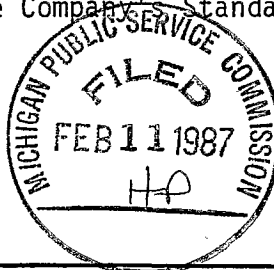
Billing demand shall be a maximum 15 minute demand during the month but not less than 25 kw.

CONTRACT:

One year or more.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "P-2" - LIGHT AND POWER SERVICE

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be a maximum 15-minute demand during the month but not less than 25 kW.

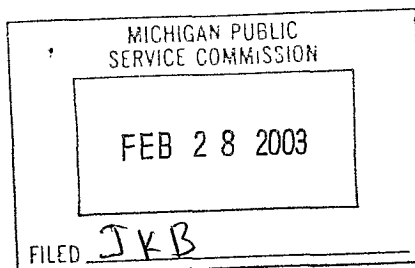
CONTRACT:

One year or more.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "P-2" - LIGHT AND POWER SERVICE

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

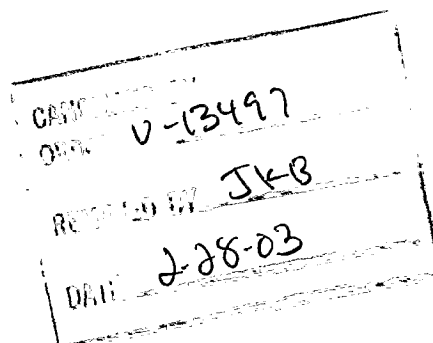
Billing demand shall be a maximum 15-minute demand during the month but not less than 25 kW.

CONTRACT:

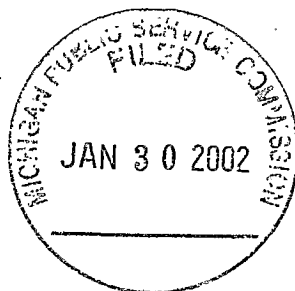
One year or more.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12650

RATE "WP-2" - LARGE LIGHT AND POWER

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand over 200 kW, served at standard available voltages. To qualify, the customer must maintain a demand greater than 200 kW for three consecutive months in any twelve-month period.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE: DISTRIBUTION SERVICE—

Capacity charge per kW of billing demand per month:
\$4.50 per kW

Energy charge per kWh per month:
\$0.01736 per kWh for all kWh

POWER SUPPLY SERVICE (Optional)

Energy charge per kWh per month:
\$0.04405 per kWh for all kWh

MINIMUM CHARGE:

The billing demand or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

CONTRACT:

One year or more.

TERMS OF PAYMENT:

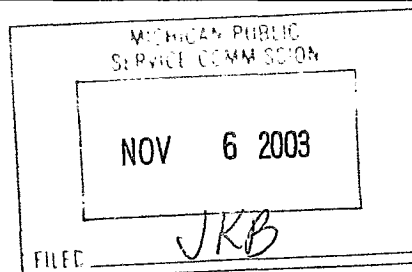
Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

- (1) The maximum 15-minute demand in kW, subject to the off-peak provision.
- (2) 60% of the greatest billing demand of the previous 11 months.
- (3) 200 kW.

Issued: 9-1-03
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin



Effective for Service
On and After: 4-17-03
Issued Under Auth. of
Mich Public Serv Comm
Dated 4-17-03
In Case No: U-12133

RATE "WP-2" - LARGE LIGHT AND POWER

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand over 200 kW, served at standard available voltages. To qualify, the customer must maintain a demand greater than 200 kW for three consecutive months in any twelve-month period.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE: DISTRIBUTION SERVICE

Capacity charge per kW of billing demand per month:

\$4.50 per kW

Energy charge per kWh per month:

\$0.01736 per kWh for all kWh

POWER SUPPLY SERVICE (Optional)

Energy charge per kWh per month:

\$0.04405 per kWh for all kWh

CANCELLED BY

ORDER U-12133

REMOVED BY JKB

DATE 11/6/03

MINIMUM CHARGE:

The billing demand or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

CONTRACT:

One year or more.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

DETERMINATION OF BILLING DEMAND:

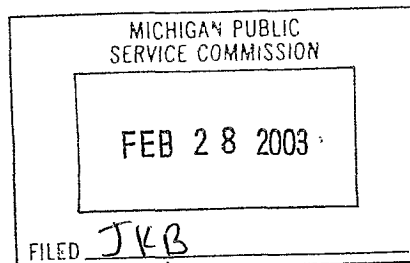
Billing demand shall be the greatest of:

- (1) The maximum 15-minute demand in kW, subject to the off-peak provision.
- (2) 60% of the greatest billing demand of the previous 11 months.
- (3) 200 kW.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "WP-2" - LARGE LIGHT AND POWER

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand over 200 kW, served at standard available voltages. To qualify, the customer must maintain a demand greater than 200 kW for three consecutive months in any twelve-month period.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE: DISTRIBUTION SERVICE

Capacity charge per kW of billing demand per month:
\$3.40 per kW

Energy charge per kWh per month:
1.806¢ per kWh for all kWh

POWER SUPPLY SERVICE (Optional)

Energy charge per kWh per month:
0.03984¢ per kWh for all kWh

MINIMUM CHARGE:

The billing demand or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

CONTRACT:

One year or more.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

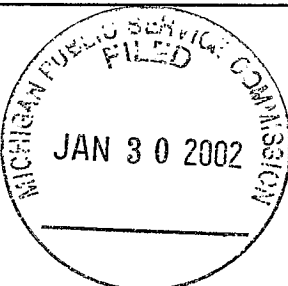
Billing demand shall be the greatest of:

- (1) The maximum 15-minute demand in kW, subject to the off-peak provision.
- (2) 60% of the greatest billing demand of the previous 11 months.
- (3) 200 kW.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.

Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12133 & U-12650

RATE "WP-2" - LARGE LIGHT AND POWER

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand over 200 kW, served at standard available voltages. To qualify, the customer must maintain a demand greater than 200 kW for three consecutive months in any twelve-month period.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per kW of billing demand per month:
\$3.40 per kW

Energy charge per kWh per month:
5.79¢ per kWh for all kWh

MINIMUM CHARGE:

The billing demand or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

CONTRACT:

One year or more.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

- (1) The maximum 15-minute demand in kW, subject to the off-peak provision.
- (2) 60% of the greatest billing demand of the previous 11 months.
- (3) 200 kW.

CANCELLED BY ORDER
IN CASE NO. U-
12650-12133
OCT 11 2001

REMOVED BY *CS*

Issued May 16, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

May 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated April 27, 1995

In Case No. U-10829

RATE "WP-2" - LARGE LIGHT AND POWER

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand over 200 kW, served at standard available voltages. To qualify, the customer must maintain a demand greater than 200 kW for three consecutive months in any twelve-month period.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per kW of billing demand per month:
\$3.40 per kW

Energy charge per kWh per month:
5.81¢ per kWh for all kWh

MINIMUM CHARGE:

The billing demand or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

CONTRACT:

One year or more.

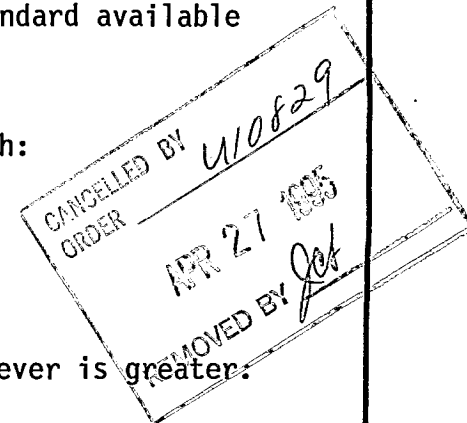
TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

- (1) The maximum 15-minute demand in kW, subject to the off-peak provision.
- (2) 60% of the greatest billing demand of the previous 11 months.
- (3) 200 kW.



Issued March 17, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

April 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated March 10, 1995

In Case No. U-10802

RATE "WP-2" - LARGE LIGHT AND POWER

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand over 200 kW, served at standard available voltages. To qualify, the customer must maintain a demand greater than 200 kW for three consecutive months in any twelve-month period.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per kW of billing demand per month:
\$3.69 per kW

Energy charge per kWh per month:
6.31¢ per kWh for all kWh

MINIMUM CHARGE:

The billing demand or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

CONTRACT:

One year or more.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

- (1) The maximum 15-minute demand in kW, subject to the off-peak provision.
- (2) 60% of the greatest billing demand of the previous 11 months.
- (3) 200 kW.

Issued December 1, 1993

by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "WP-2" - LARGE LIGHT AND POWER

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand over 200 kW, served at standard available voltages. To qualify, the customer must maintain a demand greater than 200 kW for three consecutive months in any twelve-month period.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per kW of billing demand per month:
\$3.69 per kW

Energy charge per kWh per month:
6.25¢ per kWh for all kWh

MINIMUM CHARGE:

The billing demand or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

CONTRACT:

One year or more.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date shown thereon.

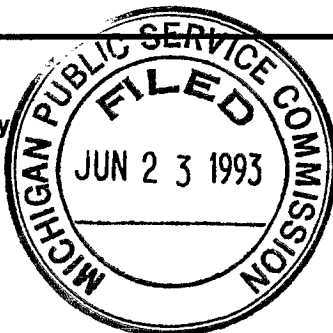
DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

- (1) The maximum 15-minute demand in kW, subject to the off-peak provision.
- (2) 60% of the greatest billing demand of the previous 11 months.
- (3) 200 kW.

Issued June 1, 1993

C. Fisher
President
Houghton, Michigan



Effective: For services rendered on and after May 11, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

CANCELLED BY
ORDER

MAY 11 1993

REMOVED BY

RATE "WP-2" - LARGE LIGHT AND POWER

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand over 200 KW, served at standard available voltages. To qualify, the customer must maintain a demand greater than 200 KW for three consecutive months in any twelve month period.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per kw of billing demand per month
\$3.16 per kw

Energy charge per kwh per month:
6.09¢ per kwh for all kwh

CANCELLED BY
ORDER

MAY 11 1993

REMOVED BY

MINIMUM CHARGE:

The billing demand or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

POWER FACTOR BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

CONTRACT:

One year or more.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

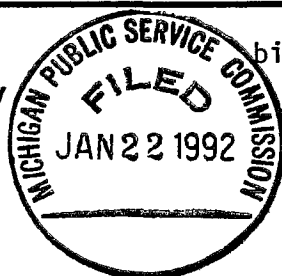
- (1) The maximum 15 minute demand in kw, subject to the off-peak provision.
- (2) 60% of the greatest billing demand of the previous 11 months.
- (3) 200 kw.

Effective: Bills issued for the first billing cycle on and after January 1, 1992

Issued January 3, 1992

by

C. Fisher
President
Houghton, Michigan



Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "WP-2" - LARGE LIGHT AND POWER

WHO MAY TAKE SERVICE:

Any customer for light and power purposes with a billing demand over 200 KW, served at a standard available voltages. To qualify, the customer must maintain a demand greater than 200 KW for three consecutive months in any twelve month period.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per kw of billing demand per month: \$3.11 per kw

Energy charge per kwh per month:
5.99¢ per kwh for all kwh

CANCELLED BY
ORDER

MAR 28 1991

REMOVED BY

MINIMUM CHARGE:

The billing demand or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

POWER FACTORY BILLING ADJUSTMENT:

This rate is subject to the Company's Power Factor Billing Adjustment as shown on Sheet No. 9.12.

CONTRACT:

One year or more.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the due date shown thereon.

DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of: (1) The maximum 15 minute demand in kw, subject to the off-peak provision. (2) 60% of the greatest billing demand of the previous 11 months. (3) 200 kw.

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and after May 1, 1991

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "WP-2" - LARGE LIGHT AND POWER

WHO MAY TAKE SERVICE:

Any customer for light and power purposes when the billing demand is 200 kilowatts or more.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz at standard available voltages.

RATE:

Capacity charge per kw of billing demand per month:
\$3.24 per kw

Energy charge per kwh per month:
6.36¢ per kwh for all kwh

MINIMUM CHARGE:

The billing demand or the contract minimum, whichever is greater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

CONTRACT:

One year or more.

TERMS OF PAYMENT:

Bills are due 21 days from the date of bill. There will be a late payment penalty of 2% of the net bill for payments received after the due date.

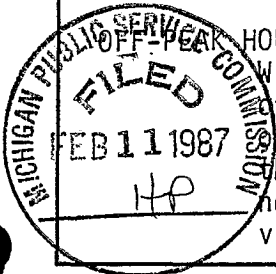
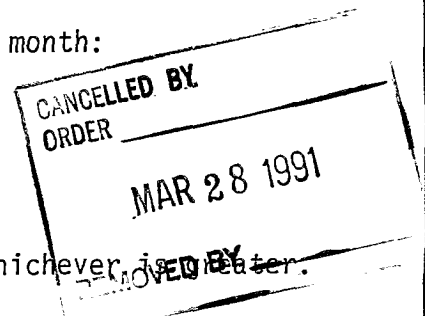
DETERMINATION OF BILLING DEMAND:

Billing demand shall be the greatest of:

- (1) The maximum 15 minute demand in kw, subject to the off-peak provision.
- (2) 60% of the greatest billing demand of the previous 11 months.
- (3) 200 kw.

OFF-PEAK HOUR PROVISION:

With respect to off-peak hours, billing demand shall be the greater of 33 1/3% of the maximum 15 minute demand in kw created during the off-peak hours or the maximum 15 minute demand in kw created during the on-peak hours; provided that the maximum off-peak demand shall not exceed the installed capability of the substation facility provided to the customer.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "WP-2" - LARGE LIGHT AND POWER (Cont'd.)

OFF-PEAK HOUR PROVISION:

With respect to off-peak hours, billing demand shall be the greater of 33 1/3% of the maximum 15-minute demand in kW created during the off-peak hours or the maximum 15-minute demand in kW created during the on-peak hours; provided that the maximum off-peak demand shall not exceed the installed capability of the substation facility provided to the customer.

SCHEDULE OF OFF-PEAK HOURS:

Off-peak hours shall be all hours between 8:00 p.m. and 8:00 a.m., Monday through Friday and all hours of the day on Saturday, Sunday, and legal holidays. Legal holidays shall include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin

| |
|---------------------------------------|
| MICHIGAN PUBLIC SERVICE COMMISSION |
| FEB 28 2003 |
| FILED <u>IKB</u> |

Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "WP-2" - LARGE LIGHT AND POWER (Cont'd.)

OFF-PEAK HOUR PROVISION:

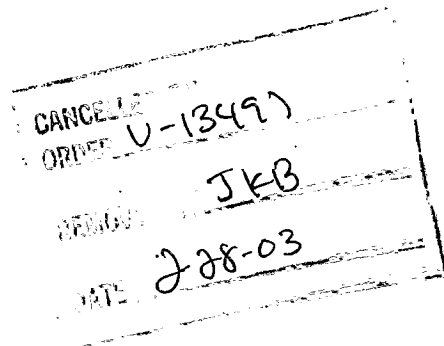
With respect to off-peak hours, billing demand shall be the greater of 33 1/3% of the maximum 15 minute demand in kw created during the off-peak hours or the maximum 15 minute demand in kw created during the on-peak hours; provided that the maximum off-peak demand shall not exceed the installed capability of the substation facility provided to the customer.

SCHEDULE OF OFF-PEAK HOURS:

Off-peak hours shall be all hours between 8:00 p.m. and 8:00 a.m., Monday through Friday and all hours of the day on Saturday, Sunday, and legal holidays. Legal holidays shall include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and after May 1, 1991

Issued under authority of the
Michigan Public Service Commission
Dated March 28, 1991
In Case No. U-9785

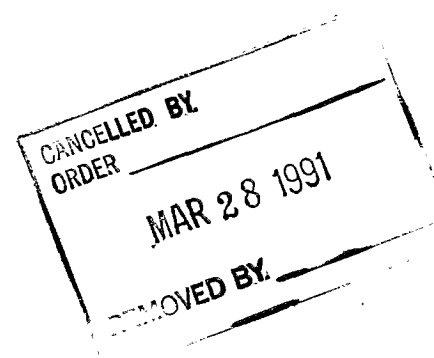
RATE "WP-2" - LARGE LIGHT AND POWER (Cont'd.)

SCHEDULE OF OFF-PEAK HOURS:

Off-peak hours shall be all hours between 8:00 p.m. and 9:00 a.m., Monday through Friday and all hours of the day on Saturday, Sunday, and legal holidays. Legal holidays shall include New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "M-2" - MUNICIPAL WATER PUMPING

WHO MAY TAKE SERVICE:

Any municipality that operates its own water supply and/or sewage system. Optional Power Supply Service is available only to Customers not taking power supply service under rate schedule RAST, or not required to receive service under rate schedule PSDS.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz, nominally at standard available voltages.

RATE:

DISTRIBUTION SERVICE

Service Charge:

\$6.80 per customer per month plus,

Energy Charge:

2.851¢ per kWh for all kWh

POWER SUPPLY SERVICE (Optional)

Energy Charge:

4.509¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

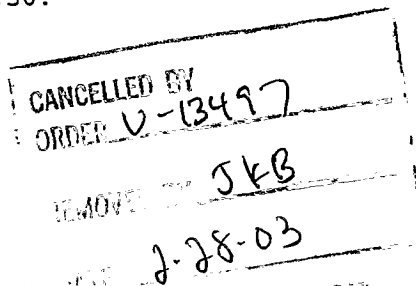
Written contract may be required.

RULES APPLYING:

Service is governed by Company's Standard Rules and Regulations.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.



Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12133 & U-12650

RATE "M-2" - MUNICIPAL WATER PUMPING

WHO MAY TAKE SERVICE:

Any municipality that operates its own water supply and/or sewage system.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz, nominally at standard available voltages.

RATE:

Service Charge:
\$6.80 per customer per month plus,

Energy Charge:
7.36¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract may be required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY ORDER
IN CASE NO. U-
12650 + 12/33
OCT 11 2001
REMOVED BY *Cjs*

Issued May 16, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

May 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated April 27, 1995

In Case No. U-10829

RATE "M-2" - MUNICIPAL WATER PUMPING

WHO MAY TAKE SERVICE:

Any municipality that operates its own water supply and/or sewage system.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz, nominally at standard available voltages.

RATE:

Service Charge:
\$6.80 per customer per month plus,

Energy Charge:
7.38¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract may be required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY U-10829
ORDER
MAR 27 1995
REMOVED BY jes

Issued March 17, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

April 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated March 10, 1995

In Case No. U-10802

RATE "M-2" - MUNICIPAL WATER PUMPING

WHO MAY TAKE SERVICE:

Any municipality that operates its own water supply and/or sewage system.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz, nominally at standard available voltages.

RATE:

Service Charge:
\$6.80 per customer per month plus,

Energy Charge:
7.78¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

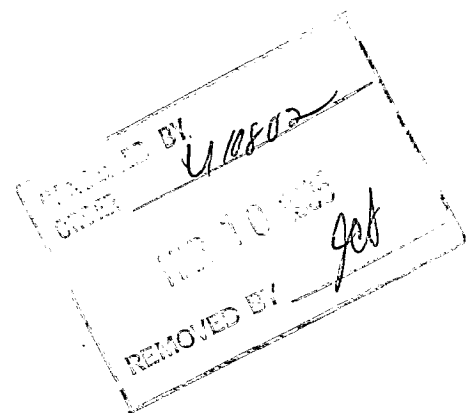
Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract may be required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued December 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "M-2" - MUNICIPAL WATER PUMPING

WHO MAY TAKE SERVICE:

Any municipality that operates its own water supply and/or sewage system.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz, nominally at standard available voltages.

RATE:

Service Charge:
\$6.80 per customer per month plus,

Energy Charge:
7.71¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

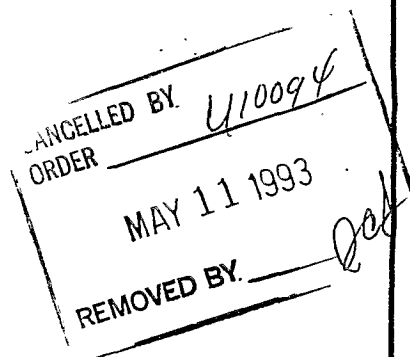
Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract may be required.

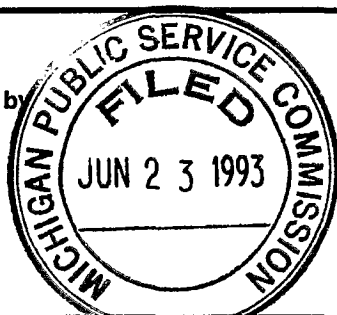
RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued June 1, 1993

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "M-2" - MUNICIPAL WATER PUMPING

WHO MAY TAKE SERVICE:

Any municipality that operates its own water supply and/or sewage system.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz, nominally at standard available voltages.

RATE:

Service Charge:
\$6.55 per customer per month plus,

Energy Charge:
7.50¢ per kwh for all kwh

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract may be required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY 1110094
ORDER
MAY 11 1993
REMOVED BY [Signature]

Issued January 3, 1992

C. Fisher
President
Houghton, Michigan



Effective: Bills issued for the first
billing cycle on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "M-2" - MUNICIPAL WATER PUMPING

WHO MAY TAKE SERVICE:

Any municipality that operates its own water supply and/or sewage system.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz, nominally at standard available voltages.

RATE:

Service Charge:
\$6.43 per customer per month plus,

Energy Charge:
7.36¢ per kwh for all kwh

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract may be required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY 69785
ORDER
MAR 28 1991
REMOVED BY gcs

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and after May 1, 1991

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "M-2" - MUNICIPAL WATER PUMPING

WHO MAY TAKE SERVICE:

Any municipality that operates its own water supply and/or sewage system.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

CHARACTER OF SERVICE:

Three-phase, alternating current, 60 hertz, nominally at standard available voltages.

RATE:

Service Charge:
\$6.43 per customer per month plus,

Energy Charge:
7.75¢ per kwh for all kwh

MINIMUM CHARGE:

The service charge included in the rate.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

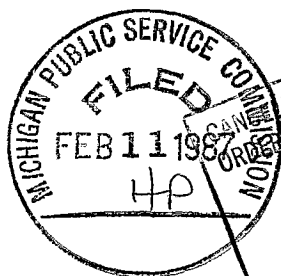
Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract may be required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



REMOVED BY
MAR 28 1991

Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "SL-7" - STREET LIGHTING SERVICE

This rate is closed to new business as of July 27, 1970.

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting systems.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

HOURS OF SERVICE:

All night service - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, from constant current variable voltage circuits.

RATE:

| <u>All Night Service</u> | <u>Per Lamp</u> |
|---------------------------------|-----------------|
| <u>Ordinary Street Lighting</u> | <u>Per Year</u> |
| 400 Candlepower Series Lamps | \$73.85 |
| 600 Candlepower Series Lamps | Cancelled |

MINIMUM CHARGE:

Contract minimum.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

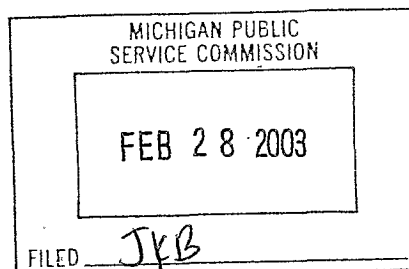
CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by Company's Standard Rules and Regulations.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "SL-7" - STREET LIGHTING SERVICE

This rate is closed to new business as of July 27, 1970.

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting systems.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

HOURS OF SERVICE:

All night service - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, from constant current variable voltage circuits.

RATE:

| <u>All Night Service</u> | <u>Per Lamp</u> |
|---------------------------------|-----------------|
| <u>Ordinary Street Lighting</u> | <u>Per Year</u> |
| 400 Candlepower Series Lamps | \$67.20 |
| 600 Candlepower Series Lamps | Cancelled |

MINIMUM CHARGE:

Contract minimum.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due in 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by Company's Standard Rules and Regulations.

ANCE
V-13497
JKB
2-28-03

Issued December 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "SL-7" - STREET LIGHTING SERVICE

This rate is closed to new business as of July 27, 1970.

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting systems.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

HOURS OF SERVICE:

All night service - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, from constant current variable voltage circuits.

RATE:

| <u>All Night Service</u> | <u>Per Lamp</u> |
|---------------------------------|-----------------|
| <u>Ordinary Street Lighting</u> | <u>Per Year</u> |
| 400 Candlepower Series Lamps | \$66.00 |
| 600 Candlepower Series Lamps | Cancelled |

MINIMUM CHARGE:

Contract minimum.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due in 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by Company's Standard Rules and Regulations.

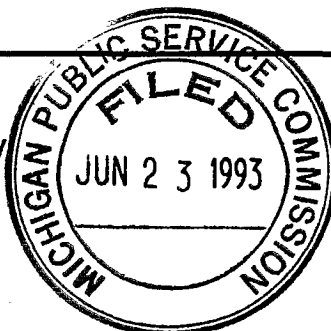
CANCELLED BY
ORDER

MAY 11 1993

REMOVED BY

Issued June 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "SL-7" - STREET LIGHTING SERVICE

This rate is closed to new business as of July 27, 1970.

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting systems.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

HOURS OF SERVICE:

All night service - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, from constant current variable voltage circuits.

RATE:

| <u>All Night Service</u> | <u>Per Lamp</u> |
|---------------------------------|-----------------|
| <u>Ordinary Street Lighting</u> | <u>Per Year</u> |
| 400 Candlepower Series Lamps | \$62.52 |
| 600 Candlepower Series Lamps | Cancelled |

MINIMUM CHARGE:

Contract minimum.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due in 21 days from date of bill.

CONTRACT:

Written contract required.

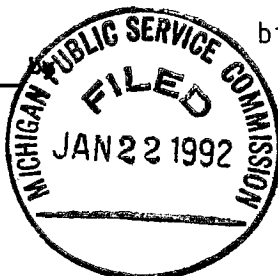
RULES APPLYING:

Service is governed by Company's Standard Rules and Regulations.

CANCELLED BY
ORDER 1410094
MAY 11 1993
REMOVED BY [Signature]

Issued January 3, 1992

C. Fisher
President
Houghton, Michigan



Effective: Bills issued for the first
billing cycle on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "SL-7" - STREET LIGHTING SERVICE

This rate is closed to new business as of July 27, 1970.

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting systems.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

HOURS OF SERVICE:

All night service - Dusk to Dawn

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, from constant current variable voltage circuits.

RATE:

All Night Service
Ordinary Street Lighting

Per Lamp
Per Year

400 Candlepower Series Lamps
600 Candlepower Series Lamps

\$61.44
Cancelled

CANCELLED BY
ORDER

MAR 28 1991

REMOVED BY

MINIMUM CHARGE:

Contract minimum.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due in 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by Company's Standard Rules and Regulations.

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and
after May 1, 1991

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "SL-7" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting systems.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

HOURS OF SERVICE:

All night service - Dusk to Dawn

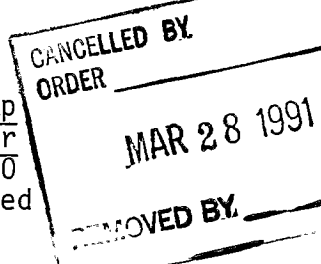
CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, from constant current variable voltage circuits.

RATE:

All Night Service
Ordinary Street Lighting
400 Candlepower Series Lamps
600 Candlepower Series Lamps

Per Lamp
Per Year
\$62.40
Cancelled



MINIMUM CHARGE:

Contract minimum.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due in 21 days from date of bill.

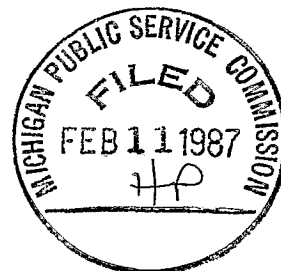
CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by Company's Standard Rules and Regulations.

This rate is closed to new business as of July 27, 1970.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "SL-9" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality owning and maintaining its own high power factor mercury vapor street lighting system, including constant current transformers, time switches and other accessory apparatus.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

HOURS OF SERVICE:

All night service - Dusk to Dawn
Half night service - Dusk to Midnight

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at Company's distribution voltage.

RATE:

For approximately 7,500 or 20,000 Lumen Mercury Vapor Lamps:
7.28¢ per kwh for all kwh

MINIMUM CHARGE:

Contract minimum.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

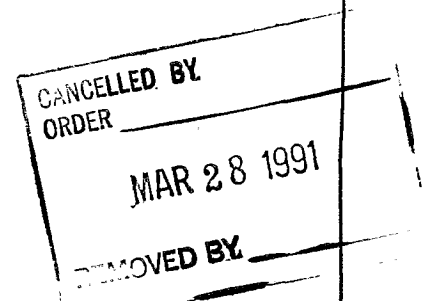
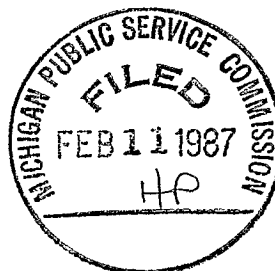
Bills are rendered net with payment due in 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "SL-10" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting systems.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at Company's distribution voltage.

RATE:

| | | <u>Per Lamp Per Year</u> |
|--------------|----------------|--------------------------|
| <u>Watts</u> | | <u>All Night</u> |
| 70 | (Sodium Vapor) | \$109.46 |
| 150 | (Sodium Vapor) | \$141.11 |
| 250 | (Sodium Vapor) | \$185.95 |
| 400 | (Sodium Vapor) | \$230.13 |

Additional to base rate where
customer requires added pole
and span for this service.

\$ 17.40

MINIMUM CHARGE:

Contract minimum.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

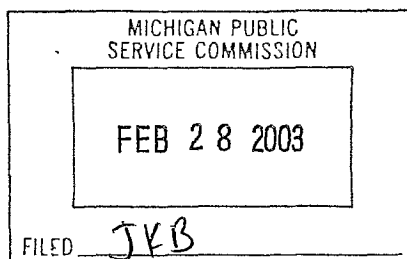
CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "SL-10" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting systems.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at Company's distribution voltage.

RATE:

Per Lamp Per Year

Watts

All Night

| | |
|--------------------|----------|
| 70 (Sodium Vapor) | \$ 99.60 |
| 150 (Sodium Vapor) | \$128.40 |
| 250 (Sodium Vapor) | \$169.20 |
| 400 (Sodium Vapor) | \$209.40 |

Additional to base rate where customer requires added pole and span for this service.

\$ 17.40

MINIMUM CHARGE:

Contract minimum.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

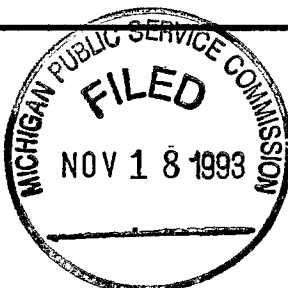
CANCELLED
ORDER U-13497

REMOVED BY JKB

2-28-03

Issued December 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "SL-10" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting systems.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at Company's distribution voltage.

RATE:

Per Lamp Per Year

Watts

All Night

| | |
|--------------------|----------|
| 70 (Sodium Vapor) | \$ 97.20 |
| 150 (Sodium Vapor) | \$126.00 |
| 250 (Sodium Vapor) | \$165.60 |
| 400 (Sodium Vapor) | \$204.60 |

Additional to base rate where customer requires added pole and span for this service.

\$ 17.40

MINIMUM CHARGE:

Contract minimum.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY
ORDER

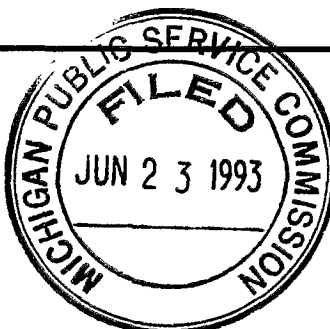
4/10094
MAY 11 1993

REMOVED BY

Effective: For services rendered on and after May 12, 1993

Issued June 1, 1993 by

C. Fisher
President
Houghton, Michigan



Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "SL-10 - STREET LIGHTING SERVICE"

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting systems.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River district.

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at Company's distribution voltage.

RATE:

Per Lamp Per Year

Watts

70 (Sodium Vapor)
150 (Sodium Vapor)
250 (Sodium Vapor)
400 (Sodium Vapor)

All Night

\$ 92.76
\$120.00
\$158.16
\$195.96

Additional to base rate where customer requires added pole and span for this service.

CANCELLED BY. 410094
ORDER
MAY 11 1993
REMOVED BY. JCB

\$ 17.40

MINIMUM CHARGE:

Contract minimum.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued January 3, 1992

C. Fisher
President
Houghton, Michigan



Effective: Bills issued for the first billing cycle on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "SL-10 - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting systems.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River district.

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at Company's distribution voltage.

RATE:

Per Lamp Per Year

Watts

All Night

70 (Sodium Vapor)
150 (Sodium Vapor)
250 (Sodium Vapor)
400 (Sodium Vapor)

\$ 91.08
\$117.96
\$155.28
\$192.48

Additional to base rate where customer requires added pole and span for this service.

CANCELLED BY
ORDER

MAR 28 1991

REMOVED BY

\$ 17.40

MINIMUM CHARGE:

Contract minimum.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and after May 1, 1991

Issued under authority of the
Michigan Public Service Commission
Dated March 28, 1991
In Case No. U-9785

RATE "SL-10 - STREET LIGHTING SERVICE"

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting systems.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River district.

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at Company's distribution voltage.

RATE:

Per Lamp Per Year

| <u>Watts</u> | | <u>All Night</u> |
|--------------|----------------|------------------|
| 70 | (Sodium Vapor) | \$ 92.04 |
| 150 | (Sodium Vapor) | \$118.92 |
| 250 | (Sodium Vapor) | \$156.24 |
| 400 | (Sodium Vapor) | \$193.44 |

Additional to base rate where customer requires added pole and span for this service.

\$ 17.40

MINIMUM CHARGE:

Contract minimum.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

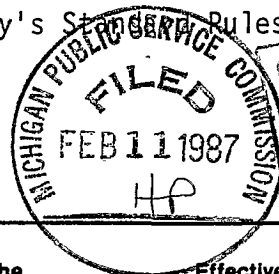
Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



CANCELLED BY
ORDER

MAR 28 1991

REMOVED BY

Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "Z-2" - DUSK TO DAWN OUTDOOR SECURITY LIGHTING

WHO MAY TAKE SERVICE:

Any customer for dusk to dawn outdoor security lighting where customer takes service at the same premises under a standard rate schedule.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

HOURS OF SERVICE: Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120 volts.

RATE:

| <u>Lumens</u> | | <u>Monthly Charge</u> |
|---------------|-----------------|-----------------------|
| 7,500 | (Mercury Vapor) | \$ 8.12/Lamp |
| 20,000 | (Mercury Vapor) | \$14.80/Lamp |

Each lighting unit shall consist of a mast arm mounted mercury vapor fixture installed, owned, operated and maintained by the Company.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

POWER SUPPLY COST RECOVERY CLAUSE:

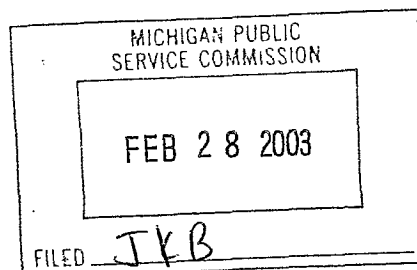
This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

CONTRACT: One year or more.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Company will provide normal maintenance to the lighting unit including the fixture, lamp, ballast, photoelectric control, mounting brackets and all necessary wiring. Company will furnish all electric energy required for operation of unit.
- (3) Normal lamp replacement shall be the responsibility of the Company. Breakage by vandalism or malicious mischief shall be at customer's expense.
- (4) For service under this schedule, installation of the unit must be on an existing utility pole upon which the Company's secondary lines are already attached.
- (5) Service can be extended 1 - 200 ft. span for an additional monthly charge of \$2.50. Charge will include 1 - 30-foot pole and wire, installed.
- (6) For service extensions at a cost in excess of those listed in (5) above, an extra facilities charge equal to 20% per year on such excess investment shall be made.

Issued: 12-20-02,
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "Z-2" - DUSK TO DAWN OUTDOOR SECURITY LIGHTING

WHO MAY TAKE SERVICE:

Any customer for dusk to dawn outdoor security lighting where customer takes service at the same premises under a standard rate schedule.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

HOURS OF SERVICE: Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120 volts.

RATE:

| | |
|---------------|-----------------|
| <u>Lumens</u> | |
| 7,500 | (Mercury Vapor) |
| 20,000 | (Mercury Vapor) |

| |
|-----------------------|
| <u>Monthly Charge</u> |
| \$ 7.40/Lamp |
| \$13.45/Lamp |

Each lighting unit shall consist of a mast arm mounted mercury vapor fixture installed, owned, operated and maintained by the Company.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

CONTRACT: One year or more.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Company will provide normal maintenance to the lighting unit including the fixture, lamp, ballast, photoelectric control, mounting brackets and all necessary wiring. Company will furnish all electric energy required for operation of unit.
- (3) Normal lamp replacement shall be the responsibility of the Company. Breakage by vandalism or malicious mischief shall be at customer's expense.
- (4) For service under this schedule, installation of the unit must be on an existing utility pole upon which the Company's secondary lines are already attached.
- (5) Service can be extended 1 - 200 ft. span for an additional monthly charge of \$2.50. Charge will include 1 - 30-foot pole and wire, installed.
- (6) For service extensions at a cost in excess of those listed in (5) above, an extra facilities charge equal to 20% per year on such excess investment shall be made.

Closed to new business as of January 25, 1995.

Issued February 9, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

January 25, 1995

Issued under authority of the
Michigan Public Service Commission

Dated January 25, 1995

In Case No. U-10743

RATE "Z-2" - DUSK TO DAWN OUTDOOR SECURITY LIGHTING

WHO MAY TAKE SERVICE:

Any customer for dusk to dawn outdoor security lighting where customer takes service at the same premises under a standard rate schedule.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120 volts.

RATE:

| <u>Lumens</u> | | <u>Monthly Charge</u> |
|---------------|-----------------|-----------------------|
| 7,500 | (Mercury Vapor) | \$ 7.40/Lamp |
| 20,000 | (Mercury Vapor) | \$13.45/Lamp |

Each lighting unit shall consist of a mast arm mounted mercury vapor fixture installed, owned, operated and maintained by the Company.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

CONTRACT: One year or more.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Company will provide normal maintenance to the lighting unit including the fixture, lamp, ballast, photoelectric control, mounting brackets and all necessary wiring. Company will furnish all electric energy required for operation of unit.
- (3) Normal lamp replacement shall be the responsibility of the Company. Breakage by vandalism or malicious mischief shall be at customer's expense.
- (4) For service under this schedule, installation of the unit must be on an existing utility pole upon which the Company's secondary lines are already attached.
- (5) Service can be extended 1 - 200 ft. span for an additional monthly charge of \$2.50. Charge will include 1 - 30-foot pole and wire, installed.
- (6) For service extensions at a cost in excess of those listed in (5) above, an extra facilities charge equal to 20% per year on such excess investment shall be made.

Issued December 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1994

In Case No. U-10094

REMOVED BY

RATE "Z-2" - DUSK TO DAWN OUTDOOR SECURITY LIGHTING

WHO MAY TAKE SERVICE:

Any customer for dusk to dawn outdoor security lighting where customer takes service at the same premises under a standard rate schedule.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120 volts.

RATE:

| Lumens | Monthly Charge |
|------------------------|----------------|
| 7,500 (Mercury Vapor) | \$ 7.25/Lamp |
| 20,000 (Mercury Vapor) | \$13.00/Lamp |

Each lighting unit shall consist of a mast arm mounted mercury vapor fixture installed, owned, operated and maintained by the Company.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

CONTRACT: One year or more.

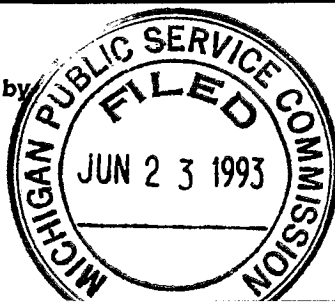
RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Company will provide normal maintenance to the lighting unit including the fixture, lamp, ballast, photoelectric control, mounting brackets and all necessary wiring. Company will furnish all electric energy required for operation of unit.
- (3) Normal lamp replacement shall be the responsibility of the Company. Breakage by vandalism or malicious mischief shall be at customer's expense.
- (4) For service under this schedule, installation of the unit must be on an existing utility pole upon which the Company's secondary lines are already attached.
- (5) Service can be extended 1 - 200 ft. span for an additional monthly charge of \$2.50. Charge will include 1 - 30-foot pole and wire, installed.
- (6) For service extensions at a cost in excess of those listed in (5) above, an extra facilities charge equal to 20% per year on such excess investment shall be made.

CANCELLED BY
ORDER 410094
MAY 11 1993
REMOVED BY

Issued June 1, 1993

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "Z-2" - DUSK TO DAWN OUTDOOR SECURITY LIGHTING

WHO MAY TAKE SERVICE:

Any customer for dusk to dawn outdoor security lighting where customer takes service at the same premises under a standard rate schedule.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120 volts.

RATE:

| Lumens | | Monthly Charge |
|--------|-----------------|----------------|
| 7,500 | (Mercury Vapor) | \$ 6.91/Lamp |
| 20,000 | (Mercury Vapor) | \$12.30/Lamp |

Each lighting unit shall consist of a mast arm mounted mercury vapor fixture installed, owned, operated and maintained by the Company.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

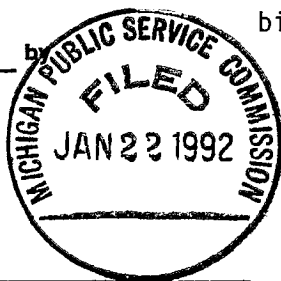
CONTRACT: One year or more.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Company will provide normal maintenance to the lighting unit including the fixture, lamp, ballast, photoelectric control, mounting brackets and all necessary wiring. Company will furnish all electric energy required for operation of unit.
- (3) Normal lamp replacement shall be the responsibility of the Company. Breakage by vandalism or malicious mischief shall be at customer's expense.
- (4) For service under this schedule, installation of the unit must be on an existing utility pole upon which the Company's secondary lines are already attached.
- (5) Service can be extended 1 - 200 ft. span for an additional monthly charge of \$2.50. Charge will include 1 - 30 foot pole and wire, installed.
- (6) For service extensions at a cost in excess of those listed in (5) above, an extra facilities charge equal to 20% per year on such excess investment shall be made.

Issued January 3, 1992

C. Fisher
President
Houghton, Michigan



Effective: Bills issued for the first
billing cycle on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "Z-2" - DUSK TO DAWN OUTDOOR SECURITY LIGHTING

WHO MAY TAKE SERVICE:

Any customer for dusk to dawn outdoor security lighting where customer takes service at the same premises under a standard rate schedule.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120 volts.

RATE:

| <u>Lumens</u> | | <u>Monthly Charge</u> |
|---------------|-----------------|-----------------------|
| 7,500 | (Mercury Vapor) | \$ 6.80/Lamp |
| 20,000 | (Mercury Vapor) | \$12.11/Lamp |

Each lighting unit shall consist of a mast arm mounted mercury vapor fixture installed, owned, operated and maintained by the Company.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

CONTRACT: One year or more.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Company will provide normal maintenance to the lighting unit including the fixture, lamp, ballast, photo-electric control, mounting brackets and all necessary wiring. Company will furnish all electric energy required for operation of unit.
- (3) Normal lamp replacement shall be the responsibility of the Company. Breakage by vandalism or malicious mischief shall be at customer's expense.
- (4) For service under this schedule, installation of the unit must be on an existing utility pole upon which the Company's secondary lines are already attached.
- (5) Service can be extended 1 - 200 ft. span for an additional monthly charge of \$2.50. Charge will include 1 - 30 foot pole and wire, installed.
- (6) For service extensions at a cost in excess of those listed in (5) above, an extra facilities charge equal to 20% per year on such excess investment shall be made.

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and after May 1, 1991

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "Z-2" - DUSK TO DAWN OUTDOOR SECURITY LIGHTING

WHO MAY TAKE SERVICE:

Any customer for dusk to dawn outdoor security lighting where customer takes service at the same premises under a standard rate schedule.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120 volts.

RATE:

| Lumens | | Monthly Charge |
|--------|-----------------|----------------|
| 7,500 | (Mercury Vapor) | \$ 7.07/Lamp |
| 20,000 | (Mercury Vapor) | \$12.38/Lamp |

Each lighting unit shall consist of a mast arm mounted mercury vapor fixture installed, owned, operated and maintained by the Company.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

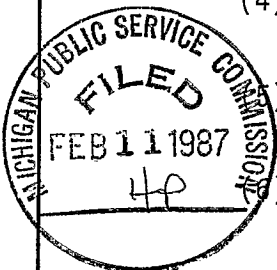
POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

CONTRACT: One year or more.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Company will provide normal maintenance to the lighting unit including the fixture, lamp, ballast, photo-electric control, mounting brackets and all necessary wiring. Company will furnish all electric energy required for operation of unit.
- (3) Normal lamp replacement shall be the responsibility of the Company. Breakage by vandalism or malicious mischief shall be at customer's expense.
- (4) For service under this schedule, installation of the unit must be on an existing utility pole upon which the Company's secondary lines are already attached.
Service can be extended 1 - 200 ft. span for an additional monthly charge of \$1.55. Charge will include 1 - 30 foot pole and wire, installed.
For service extensions at a cost in excess of those listed in (5) above, an extra facilities charge equal to 20% per year on such excess investment shall be made.
- (5)



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "Z-4" - DUSK TO DAWN OUTDOOR SECURITY LIGHTING

WHO MAY TAKE SERVICE:

Any customer for dusk to dawn outdoor security lighting where customer takes service at the same premises under a standard rate schedule.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120 volts.

RATE:

| <u>Watts</u> | <u>Monthly Charge</u> |
|--------------------|-----------------------|
| 100 (Sodium Vapor) | \$ 8.29/Lamp |
| 250 (Sodium Vapor) | \$14.91/Lamp |

Each lighting unit shall consist of a mast arm mounted sodium vapor fixture installed, owned, operated and maintained by the Company.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

POWER SUPPLY COST RECOVERY CLAUSE:

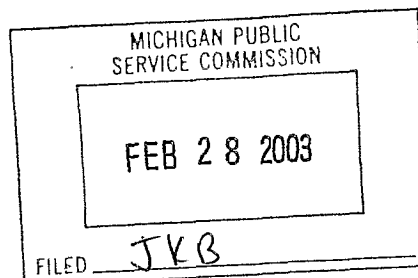
This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

CONTRACT: One year or more.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Company will provide normal maintenance to the lighting unit including the fixture, lamp, ballast, photoelectric control, mounting brackets and all necessary wiring. Company will furnish all electric energy required for operation of unit.
- (3) Normal lamp replacement shall be the responsibility of the Company. Breakage by vandalism or malicious mischief shall be at customer's expense.
- (4) For service under this schedule, installation of the unit must be on an existing utility pole upon which the Company's secondary lines are already attached.
- (5) Service can be extended 1 - 200 ft. span for an additional monthly charge of \$2.50. Charge will include 1 - 30-foot pole and wire, installed.
- (6) For service extensions at a cost in excess of those listed in (5) above, an extra facilities charge equal to 20% per year on such excess investment shall be made.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "Z-4" - DUSK TO DAWN OUTDOOR SECURITY LIGHTING

WHO MAY TAKE SERVICE:

Any customer for dusk to dawn outdoor security lighting where customer takes service at the same premises under a standard rate schedule.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120 volts.

RATE:

Watts

100 (Sodium Vapor)

250 (Sodium Vapor)

Monthly Charge

\$ 7.55/Lamp

\$13.55/Lamp

Each lighting unit shall consist of a mast arm mounted sodium vapor fixture installed, owned, operated and maintained by the Company.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

CONTRACT: One year or more.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Company will provide normal maintenance to the lighting unit including the fixture, lamp, ballast, photoelectric control, mounting brackets and all necessary wiring. Company will furnish all electric energy required for operation of unit.
- (3) Normal lamp replacement shall be the responsibility of the Company. Breakage by vandalism or malicious mischief shall be at customer's expense.
- (4) For service under this schedule, installation of the unit must be on an existing utility pole upon which the Company's secondary lines are already attached.
- (5) Service can be extended 1 - 200 ft. span for an additional monthly charge of \$2.50. Charge will include 1 - 30-foot pole and wire, installed.
- (6) For service extensions at a cost in excess of those listed in (5) above, an extra facilities charge equal to 20% per year on such excess investment shall be made.

Issued December 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "Z-4" - DUSK TO DAWN OUTDOOR SECURITY LIGHTING

WHO MAY TAKE SERVICE:

Any customer for dusk to dawn outdoor security lighting where customer takes service at the same premises under a standard rate schedule.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120 volts

RATE:

| Watts | Monthly Charge |
|--------------------|----------------|
| 100 (Sodium Vapor) | \$ 7.50/Lamp |
| 250 (Sodium Vapor) | \$13.50/Lamp |

Each lighting unit shall consist of a mast arm mounted sodium vapor fixture installed, owned, operated and maintained by the Company.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

CONTRACT: One year or more.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Company will provide normal maintenance to the lighting unit including the fixture, lamp, ballast, photoelectric control, mounting brackets and all necessary wiring. Company will furnish all electric energy required for operation of unit.
- (3) Normal lamp replacement shall be the responsibility of the Company. Breakage by vandalism or malicious mischief shall be at customer's expense.
- (4) For service under this schedule, installation of the unit must be on an existing utility pole upon which the Company's secondary lines are already attached.
- (5) Service can be extended 1 - 200 ft. span for an additional monthly charge of \$2.50. Charge will include 1 - 30-foot pole and wire, installed.
- (6) For service extensions at a cost in excess of those listed in (5) above, an extra facilities charge equal to 20% per year on such excess investment shall be made.

CANCELLED BY
ORDER
MAY 11 1993
REMOVED BY

Issued June 1, 1993

by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after May 12, 1993.

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "Z-4" - DUSK TO DAWN OUTDOOR SECURITY LIGHTING

WHO MAY TAKE SERVICE:

Any customer for dusk to dawn outdoor security lighting where customer takes service at the same premises under a standard rate schedule.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system

HOURS OF SERVICE:

Daily from dusk to dawn.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at 120 volts.

RATE:

| Watts | | Monthly Charge |
|-------|----------------|----------------|
| 100 | (Sodium Vapor) | \$ 7.15/Lamp |
| 250 | (Sodium Vapor) | \$12.91/Lamp |

Each lighting unit shall consist of a mast arm mounted sodium vapor fixture installed, owned, operated and maintained by the Company.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

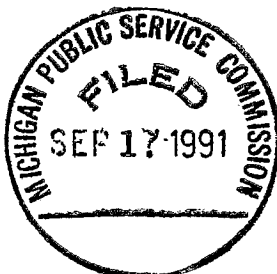
CONTRACT: One year or more.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Company will provide normal maintenance to the lighting unit including the fixture, lamp, ballast, photo-electric control, mounting brackets and all necessary wiring. Company will furnish all electric energy required for operation of unit.
- (3) Normal lamp replacement shall be the responsibility of the Company. Breakage by vandalism or malicious mischief shall be at customer's expense.
- (4) For service under this schedule, installation of the unit must be on an existing utility pole upon which the Company's secondary lines are already attached.
- (5) Service can be extended 1 - 200 ft. span for an additional monthly charge of \$2.30. Charge will include 1 - 30 foot pole and wire, installed.
- (6) For service extensions at a cost in excess of those listed in (5) above, an extra facilities charge equal to 20% per year on such excess investment shall be made.

Issued September 5, 1991 by

C. Fisher
President
Houghton, Michigan



Effective:

August 30, 1991

Issued under authority of the
Michigan Public Service Commission
Dated August 29, 1991
In Case No. U-9887

RATE "W-2" - OFF-PEAK WATER HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for separately metered off-peak water heating service provided the customer also takes service at the same location under any residential service rate and/or rate "C-2" and complies with the Company's specifications of an approved type water heater and installation.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

HOURS OF SERVICE:

As specified by the Company but not less than 17 hours per day.

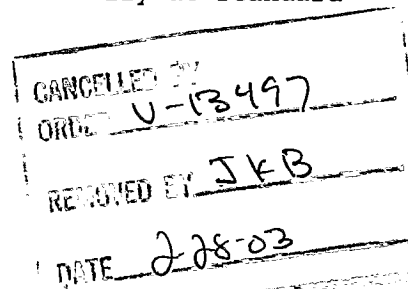
CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at standard available voltages.

RATE:

Service Charge:
\$1.35 per customer per month plus,

Energy Charge:
6.72¢ per kWh for all kWh



MINIMUM CHARGE:

The service charge included in the rate, plus \$.40 net per kva of transformer capacity required for service under this rate schedule in excess of 4.5 kva per water heater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill. For Commercial Bills, a delayed payment charge of 2% shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Water heating service shall be measured by a separate meter on a separate circuit to which no other equipment shall be connected.

MICHIGAN CUSTOMER EDUCATION CHARGE

See Schedule MCEC starting on Sheet 10.50.

Issued: 12-20-01
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 1-1-02
Issued Under Auth. of
Mich Public Serv Comm
Dated: 10-11-01
In Case No: U-12133

RATE "W-2" - OFF-PEAK WATER HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for separately metered off-peak water heating service provided the customer also takes service at the same location under any residential service rate and/or rate "C-2" and complies with the Company's specifications of an approved type water heater and installation.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

HOURS OF SERVICE:

As specified by the Company but not less than 17 hours per day.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at standard available voltages.

RATE:

Service Charge:
\$1.35 per customer per month plus,

Energy Charge:
6.72¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate, plus \$.40 net per kva of transformer capacity required for service under this rate schedule in excess of 4.5 kva per water heater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

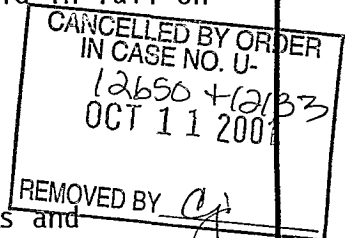
Bills are rendered net with payment due 21 days from date of bill. For Commercial Bills, a delayed payment charge of 2% shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Water heating service shall be measured by a separate meter on a separate circuit to which no other equipment shall be connected.



Issued May 16, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

May 1995 Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated April 27, 1995

In Case No. U-10829

RATE "W-2" - OFF-PEAK WATER HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for separately metered off-peak water heating service provided the customer also takes service at the same location under any residential service rate and/or rate "C-2" and complies with the Company's specifications of an approved type water heater and installation.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

HOURS OF SERVICE:

As specified by the Company but not less than 17 hours per day.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at standard available voltages.

RATE:

Service Charge:
\$1.35 per customer per month plus,

Energy Charge:
6.74¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate, plus \$.40 net per kva of transformer capacity required for service under this rate schedule in excess of 4.5 kva per water heater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

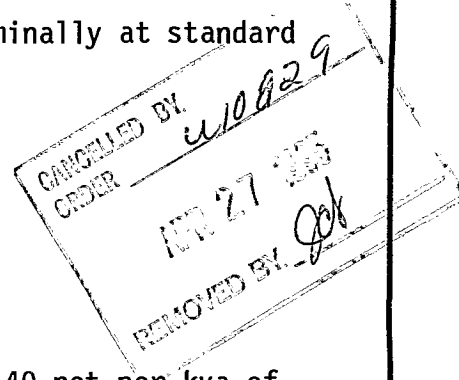
Bills are rendered net with payment due 21 days from date of bill. For Commercial Bills, a delayed payment charge of 2% shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Water heating service shall be measured by a separate meter on a separate circuit to which no other equipment shall be connected.



Issued December 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "W-2" - OFF-PEAK WATER HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for separately metered off-peak water heating service provided the customer also takes service at the same location under any residential service rate and/or rate "C-2" and complies with the Company's specifications of an approved type water heater and installation.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

HOURS OF SERVICE:

As specified by the Company but not less than 17 hours per day.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at standard available voltages.

RATE:

Service Charge:
\$1.35 per customer per month plus,

Energy Charge:
6.64¢ per kWh for all kWh

MINIMUM CHARGE:

The service charge included in the rate, plus \$.40 net per kva of transformer capacity required for service under this rate schedule in excess of 4.5 kva per water heater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill. For Commercial Bills, a delayed payment charge of 2% shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

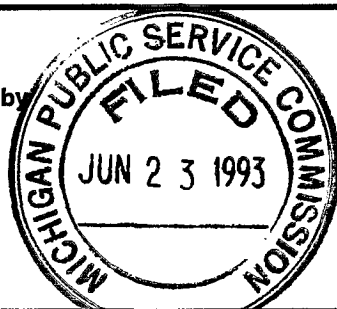
RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Water heating service shall be measured by a separate meter on a separate circuit to which no other equipment shall be connected.

CANCELLED BY
ORDER U-10094
MAY 11 1993
REMOVED BY. *JS*

Issued June 1, 1993

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "W-2" - OFF-PEAK WATER HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for separately metered off-peak water heating service provided the customer also takes service at the same location under any residential service rate and/or rate "C-2" and complies with the Company's specifications of an approved type water heater and installation.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

HOURS OF SERVICE:

As specified by the Company but not less than 17 hours per day.

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at standard available voltages.

RATE:

Service Charge:
\$1.23 per customer per month plus,

Energy Charge:
6.21¢ per kwh for all kwh

MINIMUM CHARGE:

The service charge included in the rate, plus \$.40 net per kva of transformer capacity required for service under this rate schedule in excess of 4.5 kva per water heater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill. For Commercial Bills, a delayed payment charge of 2% shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Water heating service shall be measured by a separate meter on a separate circuit to which no other equipment shall be connected.

CANCELLED BY
ORDER 110094
MAY 11 1993
REMOVED BY *Jed*

Issued January 3, 1992

C. Fisher
President
Houghton, Michigan



Effective: Bills issued for the first
billing cycle on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "W-2" - OFF-PEAK WATER HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for separately metered off-peak water heating service provided the customer also takes service at the same location under any residential service rate and/or rate "C-2" and complies with the Company's specifications of an approved type water heater and installation.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

HOURS OF SERVICE:

As specified by the Company but not less than 17 hours per day.

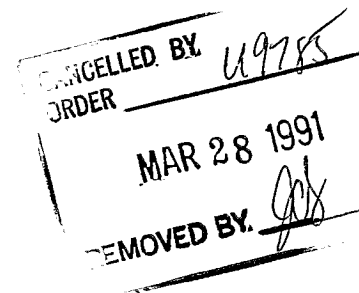
CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at standard available voltages.

RATE:

Service Charge:
\$1.20 per customer per month plus;

Energy Charge:
6.09¢ per kwh for all kwh



MINIMUM CHARGE:

The service charge included in the rate, plus \$.40 net per kva of transformer capacity required for service under this rate schedule in excess of 4.5 kva per water heater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill. For Commercial Bills, a delayed payment charge of 2% shall be applied to the unpaid balance outstanding if the bill is not paid in full on or before the due date shown thereon.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Water heating service shall be measured by a separate meter on a separate circuit to which no other equipment shall be connected.

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and after May 1, 1991

Issued under authority of the
Michigan Public Service Commission
Dated March 28, 1991
In Case No. U-9785

RATE "W-2" - OFF-PEAK WATER HEATING SERVICE

WHO MAY TAKE SERVICE:

Any customer for separately metered off-peak water heating service provided the customer also takes service at the same location under any residential service rate and/or rate "C-2" and complies with the Company's specifications of an approved type water heater and installation.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

HOURS OF SERVICE:

As specified by the Company but not less than 17 hours per day.

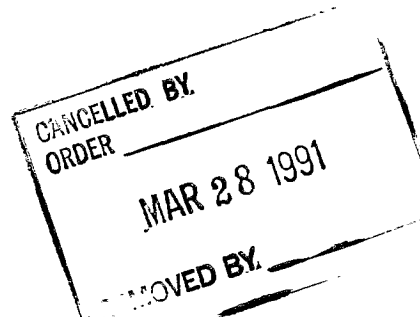
CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz, nominally at standard available voltages.

RATE:

Service Charge:
\$1.20 per customer per month plus,

Energy Charge:
6.50¢ per kwh for all kwh



MINIMUM CHARGE:

The service charge included in the rate, plus \$.40 net per kva of transformer capacity required for service under this rate schedule in excess of 4.5 kva per water heater.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

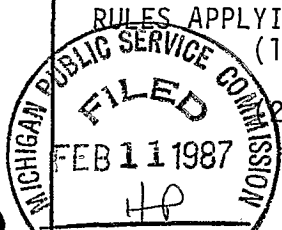
Bills are rendered net with payment due 21 days from date of bill. A 2% late payment charge shall be applied to commercial bills not received by due date.

CONTRACT:

None required.

RULES APPLYING:

- (1) Service is governed by the Company's Standard Rules and Regulations.
- (2) Water heating service shall be measured by a separate meter on a separate circuit to which no other equipment shall be connected.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

RATE "SL-11" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting system as available.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

HOURS OF SERVICE:

All night

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at Company's distribution voltage.

RATE:

Per Lamp Per Year

| <u>Lumens</u> | | <u>All Night</u> |
|---------------|-----------------|------------------|
| 7,500 | (Mercury Vapor) | \$112.76 |
| 20,000 | (Mercury Vapor) | \$214.13 |

Additional to base rate where customer requires added pole and span for this service.

\$ 18.45

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are due in 21 days from date of bill. A delayed payment charge of 2% shall be applied to the unpaid balance if the bill is not paid in full on or before the due date thereon.

CONTRACT:

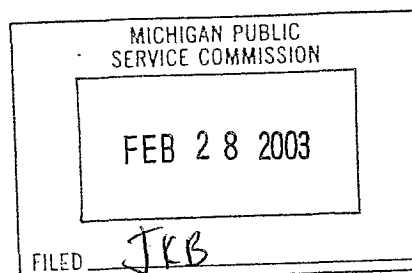
Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Closed to new business as of May 11, 1993.

Issued: 12-20-02
By W L Bourbonnais
Manager-Rates & Econ Eval
Green Bay, Wisconsin



Effective for Service
On and After: 12-21-02
Issued Under Auth. of
Mich Public Serv Comm
Dated 12-20-02
In Case No: U-13497

RATE "SL-11" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting system as available.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

HOURS OF SERVICE:

All night

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at Company's distribution voltage.

RATE:

Per Lamp Per Year

| <u>Lumens</u> | | <u>All Night</u> |
|---------------|-----------------|------------------|
| 7,500 | (Mercury Vapor) | \$102.60 |
| 20,000 | (Mercury Vapor) | \$195.00 |

Additional to base rate where customer requires added pole and span for this service.

\$ 18.45

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Closed to new business as of May 11, 1993.

U-13497
REMOVED BY JKB
DATE 2-28-03

Issued December 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered on and after January 1, 1994

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

RATE "SL-11" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting system as available.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River District.

HOURS OF SERVICE:

All night

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at Company's distribution voltage.

RATE:

Per Lamp Per Year

| | |
|---------------|-----------------|
| <u>Lumens</u> | |
| 7,500 | (Mercury Vapor) |
| 20,000 | (Mercury Vapor) |

| |
|------------------|
| <u>All Night</u> |
| \$100.20 |
| \$190.80 |

Additional to base rate where customer requires added pole and span for this service.

\$ 18.45

CANCELLED BY. U-10094
ORDER
MAY 11 1993
REMOVED BY. Qcd

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

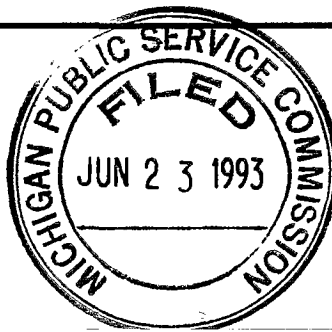
RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

Closed to new business as of May 11, 1993.

Issued June 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094 & U-10293

RATE "SL-11" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting system as available.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

HOURS OF SERVICE:

All night

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at Company's distribution voltage.

RATE:

Per Lamp Per Year

Lumens

7,500 (Mercury Vapor)
20,000 (Mercury Vapor)

All Night

\$ 95.64
\$183.48

Additional to base rate where
customer requires added pole
and span for this service.

\$ 18.45

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY
ORDER 410094
MAY 11 1993
REMOVED BY JCS

Issued January 3, 1992

C. Fisher
President
Houghton, Michigan



Effective: Bills issued for the first
billing cycle on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "SL-11" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting system as available.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

HOURS OF SERVICE:

All night

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at Company's distribution voltage.

RATE:

Per Lamp Per Year

Lumens

7,500

(Mercury Vapor)

20,000

(Mercury Vapor)

All Night

\$ 93.96

\$180.24

Additional to base rate where customer requires added pole and span for this service.

\$ 18.45

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.

CANCELLED BY 49785
ORDER
MAR 28 1991
REMOVED BY gob

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and after May 1, 1991

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

RATE "SL-11" - STREET LIGHTING SERVICE

WHO MAY TAKE SERVICE:

Any municipality from Company owned, operated and maintained street lighting system as available.

TERRITORY APPLICABLE:

All territory served in the Company's Iron River system.

HOURS OF SERVICE:

All night

CHARACTER OF SERVICE:

Single-phase, alternating current, 60 hertz at Company's distribution voltage.

RATE:

Per Lamp Per Year

| | | |
|---------------|-----------------|------------------|
| <u>Lumens</u> | | <u>All Night</u> |
| 7,500 | (Mercury Vapor) | \$ 94.92 |
| 20,000 | (Mercury Vapor) | \$181.20 |

Additional to base rate where customer requires added pole and span for this service.

\$ 18.45

MINIMUM CHARGE:

None.

POWER SUPPLY COST RECOVERY CLAUSE:

This rate is subject to the Company's Power Supply Cost Recovery as shown on Sheet No. 45.1.

TERMS OF PAYMENT:

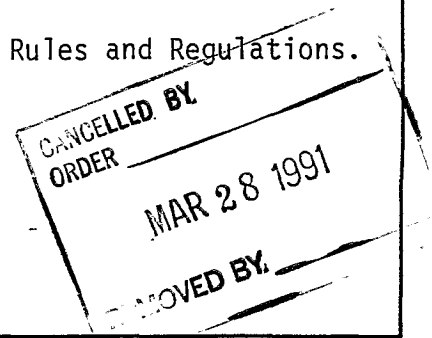
Bills are rendered net with payment due 21 days from date of bill.

CONTRACT:

Written contract required.

RULES APPLYING:

Service is governed by the Company's Standard Rules and Regulations.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

POWER SUPPLY COST RECOVERY -- IRON RIVER SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factor for a given month will consist of an increase or decrease of 0.010748 mills per kWh for all of its customers in the Iron River System for each full 0.01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 52.05 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliation shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Continued on Sheet No. 45.1

Issued 6-27-06
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the billing months
of August-Dec 2006
Issued under the authority of
Mich Public Serv Comm
Dated 6-27-06
Case No. U-14745

POWER SUPPLY COST RECOVERY -- IRON RIVER SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factor for a given month will consist of an increase or decrease of 0.010748 mills per kWh for all of its customers in the Iron River System for each full 0.01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 52.05 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliation shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Continued on Sheet No. 45.1

Issued 4-16-07
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the billing months
of April-Dec 2007
Issued under the authority of
Mich Public Serv Comm
Dated 4-3-07
Case No. U-15006

POWER SUPPLY COST RECOVERY
IRON RIVER SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factor for a given month will consist of an increase or decrease of .01088 mills per kWh for all of its customers in the Iron River System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 38.10 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for each of the 12 months in 2006 is a positive 1.83 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliation shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Continued to Sheet No. 45.1

Issued January 16, 2006

By J F Schott

VP Regulatory Affairs

Green Bay, Wisconsin

Effective for bills rendered
for the 2006 plan year

Issued under the authority of
1982 PA 304, Section 6j (9) and
Michigan Public Service Comm.
Case No. U-14706

POWER SUPPLY COST RECOVERY
IRON RIVER SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factor for a given month will consist of an increase or decrease of .01088 mills per kWh for all of its customers in the Iron River System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 38.10 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for each of the 12 months in 2005 is a negative 5.65 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliation shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Continued to Sheet No. 45.1

POWER SUPPLY COST RECOVERY
IRON RIVER SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factor for a given month will consist of an increase or decrease of .01088 mills per kWh for all of its customers in the Iron River System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 38.10 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for each of the 12 months in 2005 is a negative 5.65 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliation shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Continued to Sheet No. 45.1

Issued **December 23, 2004**
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

| |
|---------------------------------------|
| Michigan Public Service Commission |
| January 4, 2005 |
| Filed <u>RL</u> |

Effective Jan - Dec
2005, Billing Months
Issued under the authority of
Michigan Public Service Comm.
And 1982 PA304 Sec 6j.(9)
For implementing in
Case No. U-14262

POWER SUPPLY COST RECOVERY
IRON RIVER SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factor for a given month will consist of an increase or decrease of .01088 mills per kWh for all of its customers in the Iron River System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 38.10 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for each of the 12 months in 2004 is a negative 6.23 mills per kWh.

B. Monthly Reports:

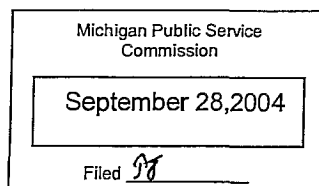
Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliation shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

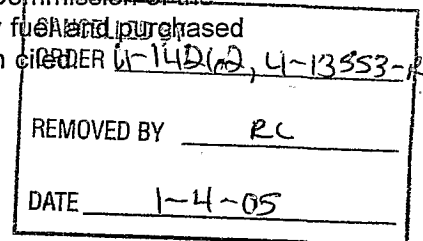
Continued to Sheet No. 45.1

Issued **September 24, 2004**
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin



Effective for bills rendered on
and after the first billing cycle
of the January 2004 billing month

Issued under the authority of
Michigan Public Service Commission
Dated: August 31, 2004
Case No. U-13904



POWER SUPPLY COST RECOVERY
IRON RIVER SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factor for a given month will consist of an increase or decrease of .01088 mills per kWh for all of its customers in the Iron River System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 38.10 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for each of the 12 months in 2004 is a negative 6.23 mills per kWh.

B. Monthly Reports:

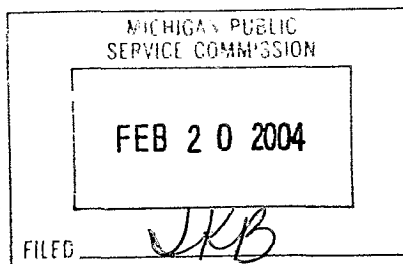
Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliation shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Continued to Sheet No. 45.1

Issued February 14, 2004
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin



Effective January 1, 2004
Issued under the authority of
Michigan Public Service Commission
Section 6j(9) of 1982 PA 304
For implementing in
Case No. U-13904

POWER SUPPLY COST RECOVERY
IRON RIVER SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factor for a given month will consist of an increase or decrease of .01088 mills per kWh for all of its customers in the Iron River System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 38.10 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for each of the 12 months in 2003 is a negative 7.63 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

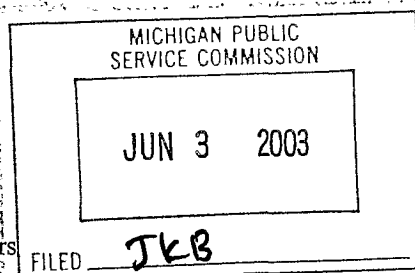
C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliation shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Continued to Sheet No. 45.1

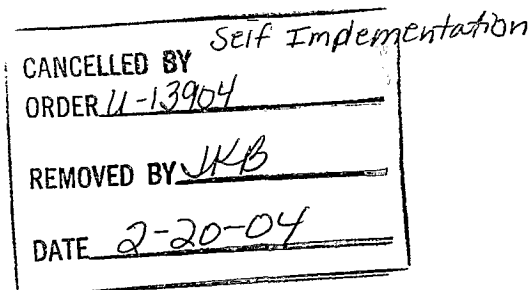
Issued: May 1, 2003

By: J. F. Schott
Ass't Vice President – Regulatory Affairs
Houghton, Michigan



Effective: January 1, 2003

Issued under authority of the
Michigan Public Service Commission
Dated: April 17, 2003



POWER SUPPLY COST RECOVERY
IRON RIVER SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factor for a given month will consist of an increase or decrease of .01088 mills per kWh for all of its customers in the Iron River System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 38.10 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for each of the 12 months in 2003 is a negative 7.63 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

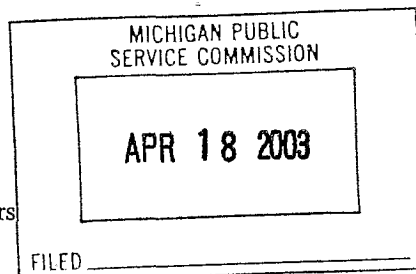
All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliation shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

| |
|-----------------------|
| CANCELLED BY |
| ORDER <u>U-13553</u> |
| REMOVED BY <u>JKB</u> |
| DATE <u>6/3/03</u> |

Continued to Sheet No. 45.1

Issued: February 14, 2003

By: J. F. Schott
Ass't Vice President - Regulatory Affairs
Houghton, Michigan



Effective: January 1, 2003

Issued under authority of the
Michigan Public Service Commission
Dated: February 10, 2003

In Case No. U-13553

POWER SUPPLY COST RECOVERY
IRON RIVER SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factor for a given month will consist of an increase or decrease of .01088 mills per kWh for all of its customers in the Iron River System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 38.10 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for each of the 12 months in 2002 is a negative 12.10 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

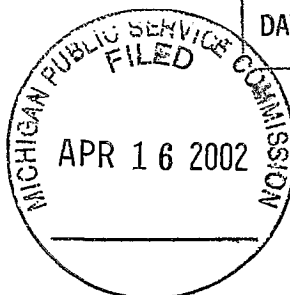
All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliation shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Continued to Sheet No. 45.1

CANCELLED BY
ORDER self-imp U-13553
REMOVED BY JKB
DATE 4-18-03

Issued: April 10, 2002

By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



Effective: January 1, 2002

Issued under authority of the
Michigan Public Service Commission
Dated March 29, 2002

In Case No. U-13104

POWER SUPPLY COST RECOVERY
IRON RIVER SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factor for a given month will consist of an increase or decrease of .01088 mills per kWh for all of its customers in the Iron River System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 38.10 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for each of the 12 months in 2001 is a negative 11.90 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

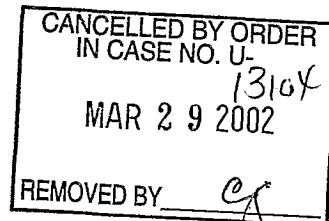
C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliation shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Continued to Sheet No. 45.1

Issued: November 5, 2001

By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



Effective: November 1, 2001

Issued under authority of the
Michigan Public Service Commission
Dated October 29, 2001

In Case No. U-12604

POWER SUPPLY COST RECOVERY
IRON RIVER SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factor for a given month will consist of an increase or decrease of .01088 mills per kWh for all of its customers in the Iron River System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 38.10 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for each of the 12 months in 2001 is a negative 11.90 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliation shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Continued to Sheet No. 45.1

Issued: October 24, 2001

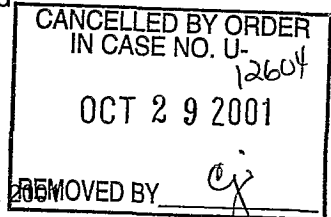
By: W.L. Bourbonnais
Manager-Rates & Econ Eval.
Houghton, Michigan



Effective: January 1, 2001

Issued under authority of the
Michigan Public Service Commission
1982 PA 304 Sec 6j(9)
and for Implementing

In Case No. U-12604



POWER SUPPLY COST RECOVERY
IRON RIVER SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factor for a given month will consist of an increase or decrease of .01088 mills per kWh for all of its customers in the Iron River System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 38.10 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for each of the 12 months in 2000 is a negative 13.49 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

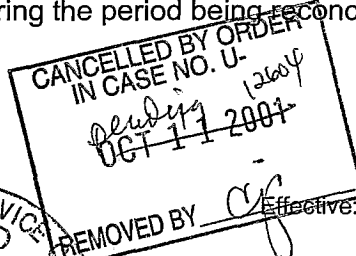
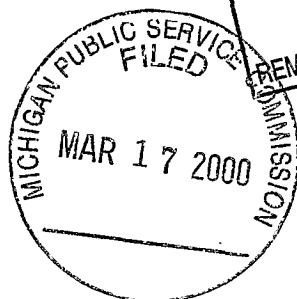
C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Continued to Sheet No. 45.1

Issued: January 1, 2000

By: C. Fisher, President
Houghton, Michigan



Effective: January 1, 2000

Issued under authority of the
Michigan Public Service Commission
Order Dated February 20, 2000

In Case No. U-12126

POWER SUPPLY COST RECOVERY
IRON RIVER SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factor for a given month will consist of an increase or decrease of .01088 mills per kWh for all of its customers in the Iron River System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 38.10 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

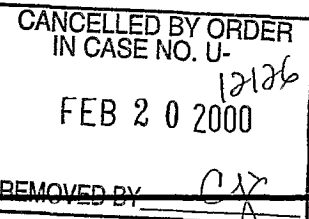
The PSCR Factor to be used for each of the 12 months in 1999 is a negative 14.31 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.



Issued January 1, 1999 by

C. Fisher
President
Houghton, Michigan



Effective:

January 1, 1999

Issued under authority of the
Michigan Public Service Commission

Dated March 8, 1999

In Case No. U-11791

POWER SUPPLY COST RECOVERY
IRON RIVER SYSTEM

CANCELLED BY ORDER
IN CASE NO. U-11530

MAR 08 1999

REMOVED BY CJ

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factor for a given month will consist of an increase or decrease of .01088 mills per kWh for all of its customers in the Iron River System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 38.10 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for each of the 12 months in 1998 is a negative 15.10 mills per kWh.

B. Monthly Reports:

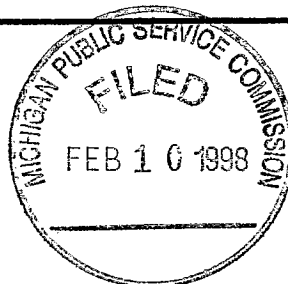
Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Issued January 1, 1998 by

C. Fisher
President
Houghton, Michigan



Effective:

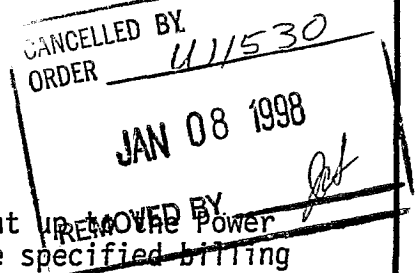
January 1, 1998

Issued under authority of the
Michigan Public Service Commission

Dated January 8, 1998

In Case No. U-11530

POWER SUPPLY COST RECOVERY
IRON RIVER SYSTEM



A. PSCR Factors:

All rates for electric service shall include an amount for the Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factor for a given month will consist of an increase or decrease of .01088 mills per kWh for all of its customers in the Iron River System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 38.10 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for each of the 12 months in 1997 is a negative 12.04 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Effective:

January 1, 1997

Issued January 1, 1997 by

C. Fisher
President
Houghton, Michigan



Issued under authority of the
Michigan Public Service Commission

Dated December 20, 1996

In Case No. U-11179

POWER SUPPLY COST RECOVERY
IRON RIVER SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factor for a given month will consist of an increase or decrease of .01088 mills per kWh for all of its customers in the Iron River System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 38.10 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for each of the 12 months in 1996 is a positive .98 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Issued March 1, 1996 by

C. Fisher
President
Houghton, Michigan



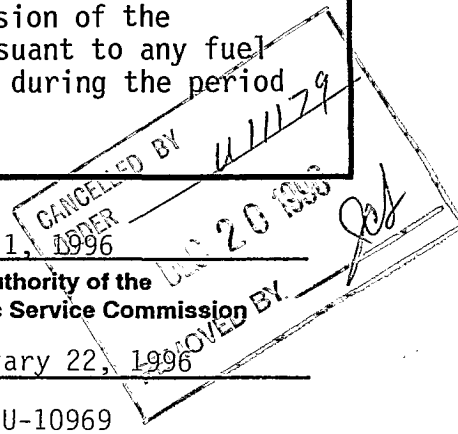
Effective:

January 1, 1996

Issued under authority of the
Michigan Public Service Commission

Dated February 22, 1996

In Case No. U-10969



POWER SUPPLY COST RECOVERY
IRON RIVER SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factor for a given month will consist of an increase or decrease of .01088 mills per kWh for all of its customers in the Iron River System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 38.10 mills per kWh, rounded to the nearest one-hundredth of a mill per kWh. The projected power supply costs per kWh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system kWh requirements.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

The PSCR Factor to be used for each of the 12 months in 1995 is a positive .98 mills per kWh.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

Issued January 18, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

January 1, 1995

Issued under authority of the
Michigan Public Service Commission

Dated January 11, 1995

In Case No. U-10706

REMOVED BY 110969
FEB 22 1995

POWER SUPPLY COST RECOVERY
IRON RIVER SYSTEM

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factor for a given month will consist of an increase or decrease of .01088 mills per Kwh for all of its customers in the Iron River System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 38.10 mills per Kwh, rounded to the nearest one-hundredth of a mill per Kwh. The projected power supply costs per Kwh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system Kwh requirements.

An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures charged pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.

*Cancelled
Jan 11, 1995
Case No. 10706*

Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and
after May 1, 1991

Issued under authority of the
Michigan Public Service Commission

Dated March 28, 1991

In Case No. U-9785

POWER SUPPLY COST RECOVERY
IRON RIVER SYSTEM

CANCELLED BY
ORDER

MAR 28 1991

REVISED BY

A. PSCR Factors:

All rates for electric service shall include an amount up to the Power Supply Cost Recovery Factor (the PSCR Factor) for the specified billing period as set forth below.

The PSCR Factor for a given month will consist of an increase or decrease of .0109 mills per Kwh for all of its customers in the Iron River System for each full .01 mill increase or decrease in the projected power supply costs for that month above or below a cost base of 43.47 mills per Kwh, rounded to the nearest one-hundredth of a mill per Kwh. The projected power supply costs per Kwh shall equal the total projected net power cost in that month divided by the sum of that month's projected net system Kwh requirements.

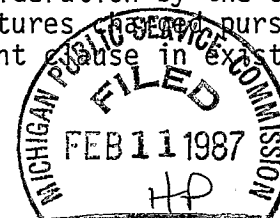
An amount not exceeding the PSCR Factor for each month shall be placed into effect in the first billing cycle of that monthly billing period and shall continue in effect until the first billing cycle of a subsequent month for which a subsequent PSCR Factor becomes operative.

B. Monthly Reports:

Not more than 45 days following the last day of each billing month in which a PSCR Factor has been applied to customers' bills, the Company shall file with the Commission a detailed statement for that month of the revenues recorded pursuant to the PSCR Factor and the allowance for cost of power supply included in the base rates established in the latest Commission order for the Company and the cost of power supply.

C. Annual Reconciliation:

All fuel cost and purchased and net interchanged power revenues received by the Company, whether included in base rates or collected pursuant to a fuel and purchased power cost adjustment clause or a power supply cost recovery clause, shall be subject to annual reconciliation with the cost of fuel and purchased and net interchanged power. Such annual reconciliations shall be conducted in accordance with the reconciliation procedures described in Section 6j(12) to (18) of 1939 PA 3, as amended, including the provisions for refunds, additional charges, deferral and recovery, and shall include consideration by the Commission of the reasonableness and prudence of expenditures based pursuant to any fuel and purchased power cost adjustment clause in existence during the period being reconciled.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

POWER SUPPLY COST RECOVERY IRON RIVER SYSTEM

Continued from Sheet No. 45.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Iron River System

Power Supply Cost Recovery Factors

| Billing Months | Authorized 2007 Plan Year PSCR Factor \$/kWh | Prior Years Over/Under Recovery Factor \$/kWh | Maximum Authorized 2007 PSCR Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|--|---|--|--------------------------------------|
| January 2007 | \$0.00673 | (\$0.00457) | \$0.00216 | \$0.00216 |
| February 2007 | \$0.00673 | (\$0.00932) | (\$0.00259) | (\$0.00259) |
| March 2007 | \$0.00673 | (\$0.00932) | (\$0.00259) | (\$0.00259) |
| April 2007 | \$0.00400 | (\$0.00932) | (\$0.00532) | (\$0.00532) |
| May 2007 | \$0.00400 | (\$0.00871) | (\$0.00471) | (\$0.00471) |
| June 2007 | \$0.00400 | (\$0.00871) | (\$0.00471) | (\$0.00471) |
| July 2007 | \$0.00400 | (\$0.00871) | (\$0.00471) | (\$0.00471) |
| August 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| September 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| October 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| November 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| December 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |

2007 PSCR factor \$0.00400 approved in Case No. U-15006
(2007 Power Supply Cost Recovery Plan Case) Ordered 4-3-07

Credit of (\$0.00457) for January 2007, and
Credit of (\$0.00932) for February - April 2007, and
Credit of (\$0.00871) for May - July 2007 is approved in
Case No. U-14706-R (2006 PSCR Reconciliation). Ordered 10-25-07

Continued on Sheet No. 45.2

Issued 11-15-07
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the billing months
of April-Dec 2007
Issued under the authority of
Mich Public Serv Comm
Dated 4-3-07
Case No. U-15006

POWER SUPPLY COST RECOVERY IRON RIVER SYSTEM

Continued from Sheet No. 45.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Iron River System

Power Supply Cost Recovery Factors

| Billing Months | Authorized 2007 Plan Year PSCR Factor \$/kWh | Prior Years Over/Under Recovery Factor \$/kWh | Maximum Authorized 2007 PSCR Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|--|---|--|--------------------------------------|
| January 2007 | \$0.00673 | (\$0.00457) | \$0.00216 | \$0.00216 |
| February 2007 | \$0.00673 | (\$0.00932) | (\$0.00259) | (\$0.00259) |
| March 2007 | \$0.00673 | (\$0.00932) | (\$0.00259) | (\$0.00259) |
| April 2007 | \$0.00400 | (\$0.00932) | (\$0.00532) | (\$0.00532) |
| May 2007 | \$0.00400 | (\$0.00871) | (\$0.00471) | (\$0.00471) |
| June 2007 | \$0.00400 | (\$0.00871) | (\$0.00471) | (\$0.00471) |
| July 2007 | \$0.00400 | (\$0.00871) | (\$0.00471) | (\$0.00471) |
| August 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| September 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| October 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| November 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| December 2007 | \$0.00400 | | | |

2007 PSCR factor \$0.00400 approved in Case No. U-15006
(2007 Power Supply Cost Recovery Plan Case) Ordered 4-3-07

Credit of (\$0.00871) for May - July 2007 is requested in
Case No. U-14706-R (2006 PSCR Reconciliation). Requested 3-30-07

Due to an over-collection in 2006 the PSCR rate is reduced
for January (\$0.00457) and Feb - April (\$0.00932) 2007.

Continued on Sheet No. 45.2

Issued 10-12-07
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the billing months
of April-Dec 2007
Issued under the authority of
Mich Public Serv Comm
Dated 4-3-07
Case No. U-15006

POWER SUPPLY COST RECOVERY IRON RIVER SYSTEM

Continued from Sheet No. 45.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Iron River System

Power Supply Cost Recovery Factors

| Billing Months | Authorized 2007 Plan Year PSCR Factor \$/kWh | Prior Years Over/Under Recovery Factor \$/kWh | Maximum Authorized 2007 PSCR Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|--|---|--|--------------------------------------|
| January 2007 | \$0.00673 | (\$0.00457) | \$0.00216 | \$0.00216 |
| February 2007 | \$0.00673 | (\$0.00932) | (\$0.00259) | (\$0.00259) |
| March 2007 | \$0.00673 | (\$0.00932) | (\$0.00259) | (\$0.00259) |
| April 2007 | \$0.00400 | (\$0.00932) | (\$0.00532) | (\$0.00532) |
| May 2007 | \$0.00400 | (\$0.00871) | (\$0.00471) | (\$0.00471) |
| June 2007 | \$0.00400 | (\$0.00871) | (\$0.00471) | (\$0.00471) |
| July 2007 | \$0.00400 | (\$0.00871) | (\$0.00471) | (\$0.00471) |
| August 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| September 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| October 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| November 2007 | \$0.00400 | | | |
| December 2007 | \$0.00400 | | | |

2007 PSCR factor \$0.00400 approved in Case No. U-15006
 (2007 Power Supply Cost Recovery Plan Case) Ordered 4-3-07

Credit of (\$0.00871) for May - July 2007 is requested in
 Case No. U-14706-R (2006 PSCR Reconciliation). Requested 3-30-07

Due to an over-collection in 2006 the PSCR rate is reduced
 for January (\$0.00457) and Feb - April (\$0.00932) 2007.

Continued on Sheet No. 45.2

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POWER SUPPLY COST RECOVERY IRON RIVER SYSTEM

Continued from Sheet No. 45.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Iron River System

Power Supply Cost Recovery Factors

| Billing Months | Authorized 2007 Plan Year PSCR Factor \$/kWh | Prior Years Over/Under Recovery Factor \$/kWh | Maximum Authorized 2007 PSCR Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|--|---|--|--------------------------------------|
| January 2007 | \$0.00673 | (\$0.00457) | \$0.00216 | \$0.00216 |
| February 2007 | \$0.00673 | (\$0.00932) | (\$0.00259) | (\$0.00259) |
| March 2007 | \$0.00673 | (\$0.00932) | (\$0.00259) | (\$0.00259) |
| April 2007 | \$0.00400 | (\$0.00932) | (\$0.00532) | (\$0.00532) |
| May 2007 | \$0.00400 | (\$0.00871) | (\$0.00471) | (\$0.00471) |
| June 2007 | \$0.00400 | (\$0.00871) | (\$0.00471) | (\$0.00471) |
| July 2007 | \$0.00400 | (\$0.00871) | (\$0.00471) | (\$0.00471) |
| August 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| September 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| October 2007 | \$0.00400 | | | |
| November 2007 | \$0.00400 | | | |
| December 2007 | \$0.00400 | | | |

2007 PSCR factor \$0.00400 approved in Case No. U-15006
 (2007 Power Supply Cost Recovery Plan Case) Ordered 4-3-07

Credit of (\$0.00871) for May - July 2007 is requested in
 Case No. U-14706-R (2006 PSCR Reconciliation). Requested 3-30-07

Due to an over-collection in 2006 the PSCR rate is reduced
 for January (\$0.00457) and Feb - April (\$0.00932) 2007.

Continued on Sheet No. 45.2

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POWER SUPPLY COST RECOVERY IRON RIVER SYSTEM

Continued from Sheet No. 45.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Iron River System

Power Supply Cost Recovery Factors

| Billing Months | Authorized 2007 Plan Year PSCR Factor \$/kWh | Prior Years Over/Under Recovery Factor \$/kWh | Maximum Authorized 2007 PSCR Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|--|---|--|--------------------------------------|
| January 2007 | \$0.00673 | (\$0.00457) | \$0.00216 | \$0.00216 |
| February 2007 | \$0.00673 | (\$0.00932) | (\$0.00259) | (\$0.00259) |
| March 2007 | \$0.00673 | (\$0.00932) | (\$0.00259) | (\$0.00259) |
| April 2007 | \$0.00400 | (\$0.00932) | (\$0.00532) | (\$0.00532) |
| May 2007 | \$0.00400 | (\$0.00871) | (\$0.00471) | (\$0.00471) |
| June 2007 | \$0.00400 | (\$0.00871) | (\$0.00471) | (\$0.00471) |
| July 2007 | \$0.00400 | (\$0.00871) | (\$0.00471) | (\$0.00471) |
| August 2007 | \$0.00400 | 0 | \$0.00400 | \$0.00400 |
| September 2007 | \$0.00400 | | | |
| October 2007 | \$0.00400 | | | |
| November 2007 | \$0.00400 | | | |
| December 2007 | \$0.00400 | | | |

2007 PSCR factor \$0.00400 approved in Case No. U-15006
 (2007 Power Supply Cost Recovery Plan Case) Ordered 4-3-07

Credit of (\$0.00871) for May - July 2007 is requested in
 Case No. U-14706-R (2006 PSCR Reconciliation). Requested 3-30-07

Due to an over-collection in 2006 the PSCR rate is reduced
 for January (\$0.00457) and Feb - April (\$0.00932) 2007.

Continued on Sheet No. 45.2

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POWER SUPPLY COST RECOVERY IRON RIVER SYSTEM

Continued from Sheet No. 45.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Iron River System**Power Supply Cost Recovery Factors**

| Billing Months | Authorized 2007 Plan Year PSCR Factor \$/kWh | Prior Years Over/Under Recovery Factor \$/kWh | Maximum Authorized 2007 PSCR Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|--|---|--|--------------------------------------|
| January 2007 | \$0.00673 | (\$0.00457) | \$0.00216 | \$0.00216 |
| February 2007 | \$0.00673 | (\$0.00932) | (\$0.00259) | (\$0.00259) |
| March 2007 | \$0.00673 | (\$0.00932) | (\$0.00259) | (\$0.00259) |
| April 2007 | \$0.00400 | (\$0.00932) | (\$0.00532) | (\$0.00532) |
| May 2007 | \$0.00400 | (\$0.00871) | (\$0.00471) | (\$0.00471) |
| June 2007 | \$0.00400 | (\$0.00871) | (\$0.00471) | (\$0.00471) |
| July 2007 | \$0.00400 | (\$0.00871) | (\$0.00471) | (\$0.00471) |
| August 2007 | \$0.00400 | | | |
| September 2007 | \$0.00400 | | | |
| October 2007 | \$0.00400 | | | |
| November 2007 | \$0.00400 | | | |
| December 2007 | \$0.00400 | | | |

2007 PSCR factor \$0.00400 approved in Case No. U-15006
(2007 Power Supply Cost Recovery Plan Case) Ordered 4-3-07

Credit of (\$0.00871) for May - July 2007 is requested in
Case No. U-14706-R (2006 PSCR Reconciliation). Requested 3-30-07

Due to an over-collection in 2006 the PSCR rate is reduced
for January (\$0.00457) and Feb - April (\$0.00932) 2007.

Continued on Sheet No. 45.2

Issued 6-15-07
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Case No. U-15006

POWER SUPPLY COST RECOVERY IRON RIVER SYSTEM

Continued from Sheet No. 45.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Iron River System

Power Supply Cost Recovery Factors

| Billing Months | Authorized 2007 Plan Year PSCR Factor \$/kWh | Prior Years Over/Under Recovery Factor \$/kWh | Maximum Authorized 2007 PSCR Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|--|---|--|--------------------------------------|
| January 2007 | \$0.00673 | (\$0.00457) | \$0.00216 | \$0.00216 |
| February 2007 | \$0.00673 | (\$0.00932) | (\$0.00259) | (\$0.00259) |
| March 2007 | \$0.00673 | (\$0.00932) | (\$0.00259) | (\$0.00259) |
| April 2007 | \$0.00400 | (\$0.00932) | (\$0.00532) | (\$0.00532) |
| May 2007 | \$0.00400 | (\$0.00871) | (\$0.00471) | (\$0.00471) |
| June 2007 | \$0.00400 | (\$0.00871) | (\$0.00471) | (\$0.00471) |
| July 2007 | \$0.00400 | | | |
| August 2007 | \$0.00400 | | | |
| September 2007 | \$0.00400 | | | |
| October 2007 | \$0.00400 | | | |
| November 2007 | \$0.00400 | | | |
| December 2007 | \$0.00400 | | | |

2007 PSCR factor \$0.00400 approved in Case No. U-15006
(2007 Power Supply Cost Recovery Plan Case) Ordered 4-3-07

Credit of (\$0.00871) for May - July 2007 is requested in
Case No. U-14706-R (2006 PSCR Reconciliation). Requested 3-30-07

Due to an over-collection in 2006 the PSCR rate is reduced
for January (\$0.00457) and Feb - April (\$0.00932) 2007.

Continued on Sheet No. 45.2

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Case No. U-15006

POWER SUPPLY COST RECOVERY IRON RIVER SYSTEM

Continued from Sheet No. 45.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Iron River System

Power Supply Cost Recovery Factors

| Billing Months | Authorized 2007 Plan Year PSCR Factor \$/kWh | Prior Years Over/Under Recovery Factor \$/kWh | Maximum Authorized 2007 PSCR Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|--|---|--|--------------------------------------|
| January 2007 | \$0.00673 | (\$0.00457) | \$0.00216 | \$0.00216 |
| February 2007 | \$0.00673 | (\$0.00932) | (\$0.00259) | (\$0.00259) |
| March 2007 | \$0.00673 | (\$0.00932) | (\$0.00259) | (\$0.00259) |
| April 2007 | \$0.00400 | (\$0.00932) | (\$0.00532) | (\$0.00532) |
| May 2007 | \$0.00400 | (\$0.00871) | (\$0.00471) | (\$0.00471) |
| June 2007 | \$0.00400 | | | |
| July 2007 | \$0.00400 | | | |
| August 2007 | \$0.00400 | | | |
| September 2007 | \$0.00400 | | | |
| October 2007 | \$0.00400 | | | |
| November 2007 | \$0.00400 | | | |
| December 2007 | \$0.00400 | | | |

2007 PSCR factor \$0.00400 approved in Case No. U-15006
 (2007 Power Supply Cost Recovery Plan Case) Ordered 4-3-07

Credit of (\$0.00871) for May - July 2007 is requested in
 Case No. U-14706-R (2006 PSCR Reconciliation). Requested 3-30-07

Due to an over-collection in 2006 the PSCR rate is reduced
 for January (\$0.00457) and Feb - April (\$0.00932) 2007.

Continued on Sheet No. 45.2

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 Case No. U-15006

POWER SUPPLY COST RECOVERY IRON RIVER SYSTEM

Continued from Sheet No. 45.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Iron River System

Power Supply Cost Recovery Factors

| Billing Months | Authorized 2007 Plan Year PSCR Factor \$/kWh | Authorized PSCR Reconciliation Factor \$/kWh | Maximum Authorized 2007 PSCR Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|--|--|--|--------------------------------------|
| January 2007 | \$0.00673 | (\$0.00457) | \$0.00216 | \$0.00216 |
| February 2007 | \$0.00673 | (\$0.00932) | (\$0.00259) | (\$0.00259) |
| March 2007 | \$0.00673 | (\$0.00932) | (\$0.00259) | (\$0.00532) |
| April 2007 | \$0.00673 | (\$0.00932) | (\$0.00259) | (\$0.00532) |
| May 2007 | \$0.00673 | | | |
| June 2007 | \$0.00673 | | | |
| July 2007 | \$0.00673 | | | |
| August 2007 | \$0.00673 | | | |
| September 2007 | \$0.00673 | | | |
| October 2007 | \$0.00673 | | | |
| November 2007 | \$0.00673 | | | |
| December 2007 | \$0.00673 | | | |

Due to an over-collection in 2006 the PSCR rate is reduced for January - April 2007.

Continued on Sheet No. 45.2

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Case No. U-15006

POWER SUPPLY COST RECOVERY IRON RIVER SYSTEM

Continued from Sheet No. 45.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Iron River System

Power Supply Cost Recovery Factors

| Billing Months | 2007 Maximum Authorized Factor \$/kWh | 2007 Actual Factor \$/kWh | 2006 Over-Collection Refund | <i>For MPSC Use Only</i> Total Actual Factor Billed for Month \$/kWh |
|----------------|---|---------------------------------|-----------------------------------|---|
| January 2007 | \$0.00673 | \$0.00673 | (\$0.00457) | \$0.00216 |
| February 2007 | \$0.00673 | \$0.00673 | (\$0.00932) | (\$0.00259) |
| March 2007 | \$0.00673 | \$0.00400 | (\$0.00932) | (\$0.00532) |
| April 2007 | \$0.00673 | | | |
| May 2007 | \$0.00673 | | | |
| June 2007 | \$0.00673 | | | |
| July 2007 | \$0.00673 | | | |
| August 2007 | \$0.00673 | | | |
| September 2007 | \$0.00673 | | | |
| October 2007 | \$0.00673 | | | |
| November 2007 | \$0.00673 | | | |
| December 2007 | \$0.00673 | | | |

Due to an over-collection in 2006 the PSCR rate is reduced for January, February and March 2007.

POWER SUPPLY COST RECOVERY IRON RIVER SYSTEM

Continued from Sheet No. 45.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Iron River System**Power Supply Cost Recovery Factors**

| Billing Months | 2007 Maximum Authorized Factor \$/kWh + | 2006 Over-Collection Refund + | Total Actual Factor Billed for Month \$/kWh = |
|----------------|--|--|--|
| January 2007 | \$0.00673 | (\$0.00457) | \$0.00216 |
| February 2007 | \$0.00673 | (\$0.00932) | (\$0.00259) |
| March 2007 | \$0.00673 | | |
| April 2007 | \$0.00673 | | |
| May 2007 | \$0.00673 | | |
| June 2007 | \$0.00673 | | |
| July 2007 | \$0.00673 | | |
| August 2007 | \$0.00673 | | |
| September 2007 | \$0.00673 | | |
| October 2007 | \$0.00673 | | |
| November 2007 | \$0.00673 | | |
| December 2007 | \$0.00673 | | |

Due to an over-collection in 2006 the PSCR rate is reduced for January and February 2007.

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Case No. U-15006

POWER SUPPLY COST RECOVERY IRON RIVER SYSTEM

Continued from Sheet No. 45.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Iron River System**Power Supply Cost Recovery Factors**

| | Billing Months | Maximum Authorized Factor \$/kWh | 2006 Over-Collection Refund | Actual Factor Billed \$/kWh |
|---|----------------|--|-----------------------------------|-----------------------------------|
| R | January 2007 | \$0.00673 | (\$0.00457) | \$0.00216 |
| R | February 2007 | \$0.00673 | | |
| R | March 2007 | \$0.00673 | | |
| R | April 2007 | \$0.00673 | | |
| R | May 2007 | \$0.00673 | | |
| R | June 2007 | \$0.00673 | | |
| R | July 2007 | \$0.00673 | | |
| R | August 2007 | \$0.00673 | | |
| R | September 2007 | \$0.00673 | | |
| R | October 2007 | \$0.00673 | | |
| R | November 2007 | \$0.00673 | | |
| R | December 2007 | \$0.00673 | | |

R Due to an over-collection in 2006 the PSCR rate is reduced for January.

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Case No. U-15006

POWER SUPPLY COST RECOVERY IRON RIVER SYSTEM

Continued from Sheet No. 45.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Iron River System

Power Supply Cost Recovery Factors

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh | 2005 Applied Reconciliation Factor \$/kWh |
|----------------|--|-----------------------------------|---|
| January 2006 | \$0.00183 | \$0.00183 | |
| February 2006 | \$0.00183 | \$0.00183 | |
| March 2006 | \$0.00183 | \$0.00183 | |
| April 2006 | \$0.00183 | \$0.00183 | |
| May 2006 | \$0.00183 | \$0.00183 | |
| June 2006 | \$0.00183 | \$0.00183 | |
| July 2006 | \$0.00183 | \$0.00183 | |
| August 2006 | (\$0.01319) | (\$0.01319) | |
| September 2006 | (\$0.01319) | (\$0.01319) | |
| October 2006 | (\$0.01319) | (\$0.02894) | (\$0.02297) |
| November 2006 | (\$0.01319) | (\$0.02894) | |
| December 2006 | (\$0.01319) | (\$0.01319) | |

Due to an over-collection the PSCR rate is reduced for October and November.

October 2006, credit of \$0.02297 per KWh as authorized in Order No. U-14262-R (2005 Power Supply Cost Recovery Reconciliation)

The factors for the months January through July reflect a PSCR base of 38.10 mills per kWh and a loss adjustment of 0.010880.

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Michigan Public Service
Commission

November 14, 2006

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Case No. U-14262-R

POWER SUPPLY COST RECOVERY IRON RIVER SYSTEM

Continued from Sheet No. 45.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Iron River System

Power Supply Cost Recovery Factors

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh | 2005 Applied Reconciliation Factor \$/kWh |
|----------------|--|-----------------------------------|---|
| January 2006 | \$0.00183 | \$0.00183 | |
| February 2006 | \$0.00183 | \$0.00183 | |
| March 2006 | \$0.00183 | \$0.00183 | |
| April 2006 | \$0.00183 | \$0.00183 | |
| May 2006 | \$0.00183 | \$0.00183 | |
| June 2006 | \$0.00183 | \$0.00183 | |
| July 2006 | \$0.00183 | \$0.00183 | |
| August 2006 | (\$0.01319) | (\$0.01319) | |
| September 2006 | (\$0.01319) | (\$0.01319) | |
| October 2006 | (\$0.01319) | (\$0.02894) | (\$0.02297) |
| November 2006 | (\$0.01319) | (\$0.02894) | |
| December 2006 | (\$0.01319) | | |

Due to an over-collection the PSCR rate is reduced.

October 2006, credit of \$0.02297 per KWh as authorized in Order No. U-14262-R (2005 Power Supply Cost Recovery Reconciliation)

The factors for the months January through July reflect a PSCR base of 38.10 mills per kWh and a loss adjustment of 0.010880.

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Case No. U-14262-R

POWER SUPPLY COST RECOVERY IRON RIVER SYSTEM

Continued from Sheet No. 45.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Iron River System

Power Supply Cost Recovery Factors

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh | 2005 Applied Reconciliation Factor \$/kWh |
|----------------|--|-----------------------------------|---|
| January 2006 | \$0.00183 | \$0.00183 | |
| February 2006 | \$0.00183 | \$0.00183 | |
| March 2006 | \$0.00183 | \$0.00183 | |
| April 2006 | \$0.00183 | \$0.00183 | |
| May 2006 | \$0.00183 | \$0.00183 | |
| June 2006 | \$0.00183 | \$0.00183 | |
| July 2006 | \$0.00183 | \$0.00183 | |
| August 2006 | (\$0.01319) | (\$0.01319) | |
| September 2006 | (\$0.01319) | (\$0.01319) | |
| October 2006 | (\$0.01319) | (\$0.02894) | (\$0.02297) |
| November 2006 | (\$0.01319) | | |
| December 2006 | (\$0.01319) | | |

R

N
N

October 2006, credit of \$0.02297 per kWh as authorized in Order No. U-14262-R (2005 Power Supply Cost Recovery Reconciliation)

Due to an over-collection the PSCR rate is being reduced.

The factors for the months January through July reflect a PSCR base of 38.10 mills per kWh and a loss adjustment of 0.010880.

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VP Regulatory Affairs
Green Bay, Wisconsin

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Dated 9-26-06
Case No. U-14262-R

POWER SUPPLY COST RECOVERY IRON RIVER SYSTEM

Continued from Sheet No. 45.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Iron River System

Power Supply Cost Recovery Factors

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh |
|-----------------------|---|--|
| January 2006 | \$0.00183 | \$0.00183 |
| February 2006 | \$0.00183 | \$0.00183 |
| March 2006 | \$0.00183 | \$0.00183 |
| April 2006 | \$0.00183 | \$0.00183 |
| May 2006 | \$0.00183 | \$0.00183 |
| June 2006 | \$0.00183 | \$0.00183 |
| July 2006 | \$0.00183 | \$0.00183 |
| August 2006 | (\$0.01319) | (\$0.01319) |
| September 2006 | (\$0.01319) | (\$0.01319) |
| October 2006 | (\$0.01319) | (\$0.02894) |
| November 2006 | (\$0.01319) | |
| December 2006 | (\$0.01319) | |

R

N

Due to an overcollection the PSCR rate is being reduced.

The factors for the months January through July reflect a PSCR base of 38.10 mills per kWh and a loss adjustment of 0.010880.

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POWER SUPPLY COST RECOVERY IRON RIVER SYSTEM

Continued from Sheet No. 45.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Iron River System

Power Supply Cost Recovery Factors

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh |
|-----------------------|---|--|
| January 2006 | \$0.00183 | \$0.00183 |
| February 2006 | \$0.00183 | \$0.00183 |
| March 2006 | \$0.00183 | \$0.00183 |
| April 2006 | \$0.00183 | \$0.00183 |
| May 2006 | \$0.00183 | \$0.00183 |
| June 2006 | \$0.00183 | \$0.00183 |
| July 2006 | \$0.00183 | \$0.00183 |
| August 2006 | (\$0.01319) | (\$0.01319) |
| September 2006 | (\$0.01319) | (\$0.01319) |
| October 2006 | (\$0.01319) | |
| November 2006 | (\$0.01319) | |
| December 2006 | (\$0.01319) | |

The factors for the months January through July reflect a PSCR base of 38.10 mills per kWh and a loss adjustment of 0.010880.

Issued 8-14-06
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the billing months
of August-Dec 2006
Issued under the authority of
Mich Public Serv Comm
Dated 6-27-06
Case No. U-14745

POWER SUPPLY COST RECOVERY IRON RIVER SYSTEM

Continued from Sheet No. 45.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Iron River System

Power Supply Cost Recovery Factors

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh |
|-----------------------|---|--|
| January 2006 | \$0.00183 | \$0.00183 |
| February 2006 | \$0.00183 | \$0.00183 |
| March 2006 | \$0.00183 | \$0.00183 |
| April 2006 | \$0.00183 | \$0.00183 |
| May 2006 | \$0.00183 | \$0.00183 |
| June 2006 | \$0.00183 | \$0.00183 |
| July 2006 | \$0.00183 | \$0.00183 |
| August 2006 | (\$0.01319) | (\$0.01319) |
| September 2006 | (\$0.01319) | |
| October 2006 | (\$0.01319) | |
| November 2006 | (\$0.01319) | |
| December 2006 | (\$0.01319) | |

The factors for the months January through July reflect a PSCR base of 38.10 mills per kWh and a loss adjustment of 0.010880.

Issued 7-26-06
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the billing months
of August-Dec 2006
Issued under the authority of
Mich Public Serv Comm
Dated 6-27-06
Case No. U-14745

POWER SUPPLY COST RECOVERY IRON RIVER SYSTEM

Continued from Sheet No. 45.0

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Iron River System

Power Supply Cost Recovery Factors

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh |
|-----------------------|---|--|
| January 2006 | \$0.00183 | \$0.00183 |
| February 2006 | \$0.00183 | \$0.00183 |
| March 2006 | \$0.00183 | \$0.00183 |
| April 2006 | \$0.00183 | \$0.00183 |
| May 2006 | \$0.00183 | \$0.00183 |
| June 2006 | \$0.00183 | \$0.00183 |
| July 2006 | \$0.00183 | \$0.00183 |
| August 2006 | (\$0.01319) | |
| September 2006 | (\$0.01319) | |
| October 2006 | (\$0.01319) | |
| November 2006 | (\$0.01319) | |
| December 2006 | (\$0.01319) | |

The factors for the months January through July reflect a PSCR base of 38.10 mills per kWh and a loss adjustment of 0.010880.

Issued 6-27-06
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the billing months
of August-Dec 2006
Issued under the authority of
Mich Public Serv Comm
Dated 6-27-06
Case No. U-14745

Continued from Sheet No. 45.0

The PSCR Factor to be used for January through December 2006 is a positive 1.83 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Iron River

Power Supply Cost Recovery Factors

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh |
|-----------------------|---|--|
| January 2006 | \$0.00183 | \$0.00183 |
| February 2006 | \$0.00183 | \$0.00183 |
| March 2006 | \$0.00183 | \$0.00183 |
| April 2006 | \$0.00183 | \$0.00183 |
| May 2006 | \$0.00183 | \$0.00183 |
| June 2006 | \$0.00183 | \$0.00183 |
| July 2006 | \$0.00183 | \$0.00183 |
| August 2006 | \$0.00183 | |
| September 2006 | \$0.00183 | |
| October 2006 | \$0.00183 | |
| November 2006 | \$0.00183 | |
| December 2006 | \$0.00183 | |

January through December 2006, positive 1.83 mills per kWh as ordered in
Order No. U-14706 (2006 Power Supply Cost Recovery Plan Case).

Issued June 16, 2006
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective Jan - Dec
2006, Billing Months
Issued under the authority of
Michigan Public Service Comm.
Dated: 5-25-06
Case No. U-14706

Continued from Sheet No. 45.0

The PSCR Factor to be used for January through December 2006 is a positive 1.83 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Iron River

Power Supply Cost Recovery Factors

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|-------------------------------------|--------------------------------|
| January 2006 | \$0.00183 | \$0.00183 |
| February 2006 | \$0.00183 | \$0.00183 |
| March 2006 | \$0.00183 | \$0.00183 |
| April 2006 | \$0.00183 | \$0.00183 |
| May 2006 | \$0.00183 | \$0.00183 |
| June 2006 | \$0.00183 | \$0.00183 |
| July 2006 | \$0.00183 | |
| August 2006 | \$0.00183 | |
| September 2006 | \$0.00183 | |
| October 2006 | \$0.00183 | |
| November 2006 | \$0.00183 | |
| December 2006 | \$0.00183 | |

January through December 2006, positive 1.83 mills per kWh as requested in Order No. U-14706 (2006 Power Supply Cost Recovery Plan Case).

Issued May 16, 2006
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the 2006 plan year
Issued under the authority of
1982 PA 304, Section 6j (9) and
Michigan Public Service Comm.
Case No. U-14706

Continued from Sheet No. 45.0

The PSCR Factor to be used for January through December 2006 is a positive 1.83 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Iron River

Power Supply Cost Recovery Factors

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|-------------------------------------|--------------------------------|
| January 2006 | \$0.00183 | \$0.00183 |
| February 2006 | \$0.00183 | \$0.00183 |
| March 2006 | \$0.00183 | \$0.00183 |
| April 2006 | \$0.00183 | \$0.00183 |
| May 2006 | \$0.00183 | \$0.00183 |
| June 2006 | \$0.00183 | |
| July 2006 | \$0.00183 | |
| August 2006 | \$0.00183 | |
| September 2006 | \$0.00183 | |
| October 2006 | \$0.00183 | |
| November 2006 | \$0.00183 | |
| December 2006 | \$0.00183 | |

January through December 2006, positive 1.83 mills per kWh as requested in Order No. U-14706 (2006 Power Supply Cost Recovery Plan Case).

Issued April 12, 2006
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the 2006 plan year
Issued under the authority of
1982 PA 304, Section 6j (9) and
Michigan Public Service Comm.
Case No. U-14706

Continued from Sheet No. 45.0

The PSCR Factor to be used for January through December 2006 is a positive 1.83 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Iron River

Power Supply Cost Recovery Factors

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|-------------------------------------|--------------------------------|
| January 2006 | \$0.00183 | \$0.00183 |
| February 2006 | \$0.00183 | \$0.00183 |
| March 2006 | \$0.00183 | \$0.00183 |
| April 2006 | \$0.00183 | \$0.00183 |
| May 2006 | \$0.00183 | |
| June 2006 | \$0.00183 | |
| July 2006 | \$0.00183 | |
| August 2006 | \$0.00183 | |
| September 2006 | \$0.00183 | |
| October 2006 | \$0.00183 | |
| November 2006 | \$0.00183 | |
| December 2006 | \$0.00183 | |

January through December 2006, positive 1.83 mills per kWh as requested in Order No. U-14706 (2006 Power Supply Cost Recovery Plan Case).

Issued March 13, 2006
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the 2006 plan year
Issued under the authority of
1982 PA 304, Section 6j (9) and
Michigan Public Service Comm.
Case No. U-14706

Continued from Sheet No. 45.0

The PSCR Factor to be used for January through December 2006 is a positive 1.83 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Iron River

Power Supply Cost Recovery Factors

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|-------------------------------------|--------------------------------|
| January 2006 | \$0.00183 | \$0.00183 |
| February 2006 | \$0.00183 | \$0.00183 |
| March 2006 | \$0.00183 | \$0.00183 |
| April 2006 | \$0.00183 | |
| May 2006 | \$0.00183 | |
| June 2006 | \$0.00183 | |
| July 2006 | \$0.00183 | |
| August 2006 | \$0.00183 | |
| September 2006 | \$0.00183 | |
| October 2006 | \$0.00183 | |
| November 2006 | \$0.00183 | |
| December 2006 | \$0.00183 | |

January through December 2006, positive 1.83 mills per kWh as requested in Order No. U-14706 (2006 Power Supply Cost Recovery Plan Case).

Issued February 14, 2006
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the 2006 plan year
Issued under the authority of
1982 PA 304, Section 6j (9) and
Michigan Public Service Comm.
Case No. U-14706

Continued from Sheet No. 45.0

The PSCR Factor to be used for January through December 2006 is a positive 1.83 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Iron River

Power Supply Cost Recovery Factors

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|-------------------------------------|--------------------------------|
| January 2006 | \$0.00183 | \$0.00183 |
| February 2006 | \$0.00183 | \$0.00183 |
| March 2006 | \$0.00183 | |
| April 2006 | \$0.00183 | |
| May 2006 | \$0.00183 | |
| June 2006 | \$0.00183 | |
| July 2006 | \$0.00183 | |
| August 2006 | \$0.00183 | |
| September 2006 | \$0.00183 | |
| October 2006 | \$0.00183 | |
| November 2006 | \$0.00183 | |
| December 2006 | \$0.00183 | |

January through December 2006, positive 1.83 mills per kWh as requested in Order No. U-14706 (2006 Power Supply Cost Recovery Plan Case).

Issued January 16, 2006
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the 2006 plan year
Issued under the authority of
1982 PA 304, Section 6j (9) and
Michigan Public Service Comm.
Case No. U-14706

Continued from Sheet No. 45.0

The PSCR Factor to be used for January through December 2006 is a positive 1.83 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Iron River

Power Supply Cost Recovery Factors

| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|-------------------------------------|--------------------------------|
| January 2006 | \$0.00183 | \$0.00183 |
| February 2006 | \$0.00183 | |
| March 2006 | \$0.00183 | |
| April 2006 | \$0.00183 | |
| May 2006 | \$0.00183 | |
| June 2006 | \$0.00183 | |
| July 2006 | \$0.00183 | |
| August 2006 | \$0.00183 | |
| September 2006 | \$0.00183 | |
| October 2006 | \$0.00183 | |
| November 2006 | \$0.00183 | |
| December 2006 | \$0.00183 | |

January through December 2006, positive 1.83 mills per kWh as requested in Order No. U-14706 (2006 Power Supply Cost Recovery Plan Case).

Issued December 13, 2005
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the 2006 plan year
Issued under the authority of
1982 PA 304, Section 6j (9) and
Michigan Public Service Comm.
Case No. U-14706

Continued from Sheet No. 45.0

The authorized PSCR Factor to be used for each of the 12 months ending December 2005 is a negative 5.65 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

Power Supply Cost Recovery Factors

| | Maximum Authorized | Actual Factor Billed | 2004 Applied Reconciliation |
|----------------|-----------------------|----------------------|--------------------------------|
| Billing Months | Factor \$/kWh | \$/kWh | Factor \$/kWh |
| January 2005 | -0.00565 | -0.00565 | |
| February 2005 | -0.00565 | -0.00565 | |
| March 2005 | -0.00565 | -0.00565 | |
| April 2005 | -0.00565 | -0.00565 | |
| May 2005 | -0.00565 | -0.00565 | |
| June 2005 | -0.00565 | -0.00565 | |
| July 2005 | -0.00565 | -0.00565 | |
| August 2005 | -0.00565 | -0.00565 | |
| September 2005 | -0.00565 | -0.00565 | |
| October 2005 | -0.00565 | -0.00565 | |
| November 2005 | -0.00565 | -0.00565 | |
| December 2005 | -0.00565 | -0.00565 | -0.01225 |

December 2005, credit of \$0.01225 per kWh as authorized in
Final Order No. U-13904-R

Issued November 11, 2005
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the 2005 plan year.
Issued under the authority of
Michigan Public Service Comm.
Dated: 3-29-05
Case No. U-14262

Continued from Sheet No. 45.0

The authorized PSCR Factor to be used for each of the 12 months ending December 2005 is a negative 5.65 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| Power Supply Cost Recovery Factors | | |
|---|-------------------------------------|--------------------------------|
| Billing Months | Maximum Authorized Factor \$/kWh | Actual Factor Billed \$/kWh |
| January 2005 | -0.00565 | -0.00565 |
| February 2005 | -0.00565 | -0.00565 |
| March 2005 | -0.00565 | -0.00565 |
| April 2005 | -0.00565 | -0.00565 |
| May 2005 | -0.00565 | -0.00565 |
| June 2005 | -0.00565 | -0.00565 |
| July 2005 | -0.00565 | -0.00565 |
| August 2005 | -0.00565 | -0.00565 |
| September 2005 | -0.00565 | -0.00565 |
| October 2005 | -0.00565 | -0.00565 |
| November 2005 | -0.00565 | -0.00565 |
| December 2005 | -0.00565 | -0.00565 |

Issued October 20, 2005
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective for bills rendered
for the 2005 plan year.
Issued under the authority of
Michigan Public Service Comm.
Dated: 3-29-05
Case No. U-14262

Continued from Sheet No. 45.0

The authorized PSCR Factor to be used for each of the 12 months ending December 2005 is a negative 5.65 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>2005</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|-------------|-------------------------------|----------------------------|
| January | -5.65 mills per kWh | -5.65 mills per kWh |
| February | -5.65 mills per kWh | -5.65 mills per kWh |
| March | -5.65 mills per kWh | -5.65 mills per kWh |
| April | -5.65 mills per kWh | -5.65 mills per kWh |
| May | -5.65 mills per kWh | -5.65 mills per kWh |
| June | -5.65 mills per kWh | -5.65 mills per kWh |
| July | -5.65 mills per kWh | -5.65 mills per kWh |
| August | -5.65 mills per kWh | -5.65 mills per kWh |
| September | -5.65 mills per kWh | -5.65 mills per kWh |
| October | -5.65 mills per kWh | -5.65 mills per kWh |
| November | -5.65 mills per kWh | -5.65 mills per kWh |
| December | -5.65 mills per kWh | -5.65 mills per kWh |

Issued **April 11, 2005**
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

Effective Jan - Dec
2005, Billing Months
Issued under the authority of
Michigan Public Service Comm.
Dated: 3-29-05
Case No. U-14262

Continued from Sheet No. 45.0

The authorized PSCR Factor to be used for each of the 12 months ending December 2005 is a negative 5.65 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>2005</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|-------------|-------------------------------|----------------------------|
| January | | -5.65 mills per kWh |
| February | | -5.65 mills per kWh |
| March | | -5.65 mills per kWh |
| April | | -5.65 mills per kWh |
| May | | -5.65 mills per kWh |
| June | | -5.65 mills per kWh |
| July | | -5.65 mills per kWh |
| August | | -5.65 mills per kWh |
| September | | -5.65 mills per kWh |
| October | | -5.65 mills per kWh |
| November | | -5.65 mills per kWh |
| December | | -5.65 mills per kWh |

Issued **December 23, 2004**
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

| |
|---------------------------------------|
| Michigan Public Service Commission |
| January 4, 2005 |
| Filed <u>RL</u> |

Effective Jan - Dec
2005, Billing Months
Issued under the authority of
Michigan Public Service Comm.
And 1982 PA304 Sec 6j.(9)
For implementing in
Case No. U-14262

Continued from Sheet No. 45.0

The authorized PSCR Factor to be used for each of the 12 months ending December 2004 is a negative 6.23 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>2004</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> | <u>2003 Applied Reconciliation Factor</u> |
|-------------|-------------------------------|----------------------------|---|
| January | -6.23 mills per kWh | -6.23 mills per kWh | |
| February | -6.23 mills per kWh | -6.23 mills per kWh | |
| March | -6.23 mills per kWh | -6.23 mills per kWh | |
| April | -6.23 mills per kWh | -6.23 mills per kWh | |
| May | -6.23 mills per kWh | -6.23 mills per kWh | |
| June | -6.23 mills per kWh | -6.23 mills per kWh | -11.4 mills per kWh |
| July | -6.23 mills per kWh | -6.23 mills per kWh | |
| August | -6.23 mills per kWh | -6.23 mills per kWh | |
| September | -6.23 mills per kWh | -6.23 mills per kWh | |
| October | -6.23 mills per kWh | -6.23 mills per kWh | |
| November | -6.23 mills per kWh | -6.23 mills per kWh | |
| December | -6.23 mills per kWh | -6.23 mills per kWh | |

June 2004, negative 11.4 mills per kWh as authorized in Case No. U-13553-R (2003 Power Supply Cost Recovery Reconciliation)

| |
|---|
| CANCELLED BY ORDER <u>U-14062, U-13953-R</u> |
| REMOVED BY <u>RL</u> |
| DATE <u>1-4-05</u> |

Issued **September 24, 2004**
By J F Schott
VP Regulatory Affairs
Green Bay, Wisconsin

| |
|---------------------------------------|
| Michigan Public Service Commission |
| October 13, 2004 |
| Filed <u>JS</u> |

Effective for bills rendered on
and after the first billing cycle
of the January 2004 billing month

Issued under the authority of
Michigan Public Service Commission
Dated: August 31, 2004
Case No. U-13553-R

Continued from Sheet No. 45.0

The authorized PSCR Factor to be used for each of the 12 months ending December 2004 is a negative 6.23 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>2004</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|-------------|-------------------------------|----------------------------|
| January | -6.23 mills per kWh | -6.23 mills per kWh |
| February | -6.23 mills per kWh | -6.23 mills per kWh |
| March | -6.23 mills per kWh | -6.23 mills per kWh |
| April | -6.23 mills per kWh | -6.23 mills per kWh |
| May | -6.23 mills per kWh | -6.23 mills per kWh |
| June | -6.23 mills per kWh | -6.23 mills per kWh |
| July | -6.23 mills per kWh | -6.23 mills per kWh |
| August | -6.23 mills per kWh | -6.23 mills per kWh |
| September | -6.23 mills per kWh | -6.23 mills per kWh |
| October | -6.23 mills per kWh | -6.23 mills per kWh |
| November | -6.23 mills per kWh | -6.23 mills per kWh |
| December | -6.23 mills per kWh | -6.23 mills per kWh |

CANCELLED BY
ORDER U-13553-R
REMOVED BY PJ
DATE 10-13-04

Issued **September 24, 2004**
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin

| |
|---------------------------------------|
| Michigan Public Service Commission |
| September 28, 2004 |
| Filed <u>JS</u> |

Effective for bills rendered on
and after the first billing cycle
of the January 2004 billing month

Issued under the authority of
Michigan Public Service Commission
Dated: August 31, 2004
Case No. U-13904

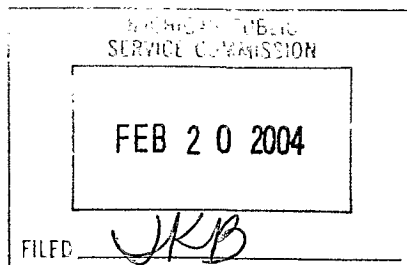
Continued from Sheet No. 45.0

The authorized PSCR Factor to be used for each of the 12 months ending December 2004 is a negative 6.23 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>2004</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|-------------|-------------------------------|----------------------------|
| January | -6.23 mills per kWh | -6.23 mills per kWh |
| February | -6.23 mills per kWh | -6.23 mills per kWh |
| March | -6.23 mills per kWh | -6.23 mills per kWh |
| April | -6.23 mills per kWh | -6.23 mills per kWh |
| May | -6.23 mills per kWh | -6.23 mills per kWh |
| June | -6.23 mills per kWh | -6.23 mills per kWh |
| July | -6.23 mills per kWh | -6.23 mills per kWh |
| August | -6.23 mills per kWh | -6.23 mills per kWh |
| September | -6.23 mills per kWh | -6.23 mills per kWh |
| October | -6.23 mills per kWh | -6.23 mills per kWh |
| November | -6.23 mills per kWh | -6.23 mills per kWh |
| December | -6.23 mills per kWh | -6.23 mills per kWh |

Issued February 14, 2004
By J F Schott
Ass't VP Regulatory Affairs
Green Bay, Wisconsin



Effective January 1, 2004
Issued under the authority of
Michigan Public Service Commission
Section 6j(9) of 1982 PA 304
For implementing in
Case No. U-13904

Continued from Sheet No. 45.0

The authorized PSCR Factor to be used for each of the 12 months ending December 2003 is a negative 7.63 mills per kWh.

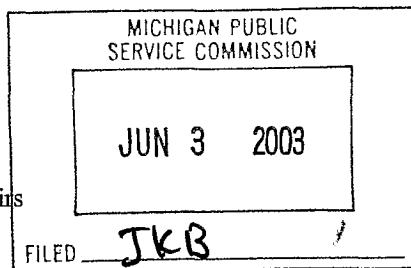
Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>2003</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|-------------|-------------------------------|----------------------------|
| January | -7.63 mills per kWh | -7.63 mills per kWh |
| February | -7.63 mills per kWh | -7.63 mills per kWh |
| March | -7.63 mills per kWh | -7.63 mills per kWh |
| April | -7.63 mills per kWh | -7.63 mills per kWh |
| May | -7.63 mills per kWh | -7.63 mills per kWh |
| June | -7.63 mills per kWh | -7.63 mills per kWh |
| July | -7.63 mills per kWh | -7.63 mills per kWh |
| August | -7.63 mills per kWh | -7.63 mills per kWh |
| September | -7.63 mills per kWh | -7.63 mills per kWh |
| October | -7.63 mills per kWh | -7.63 mills per kWh |
| November | -7.63 mills per kWh | -7.63 mills per kWh |
| December | -7.63 mills per kWh | -7.63 mills per kWh |

| | |
|-----------------------|----------------------------|
| CANCELLED BY | <i>Self Implementation</i> |
| ORDER 9-22 | <i>U-13904</i> |
| REMOVED BY | <i>JKB</i> |
| DATE | <i>2-20-04</i> |

Issued: May 2, 2003

By: J. F. Schott
Ass't Vice President – Regulatory Affairs
Houghton, Michigan



Effective: January 1, 2003

Issued under authority of the
Michigan Public Service Commission
Dated: April 17, 2003

In Case No. U-13553

Continued from Sheet No. 45.0

The authorized PSCR Factor to be used for each of the 12 months ending December 2003 is a negative 7.63 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>2003</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|-------------|-------------------------------|----------------------------|
| January | -7.63 mills per kWh | -7.63 mills per kWh |
| February | -7.63 mills per kWh | -7.63 mills per kWh |
| March | -7.63 mills per kWh | -7.63 mills per kWh |
| April | -7.63 mills per kWh | -7.63 mills per kWh |
| May | -7.63 mills per kWh | -7.63 mills per kWh |
| June | -7.63 mills per kWh | -7.63 mills per kWh |
| July | -7.63 mills per kWh | -7.63 mills per kWh |
| August | -7.63 mills per kWh | -7.63 mills per kWh |
| September | -7.63 mills per kWh | -7.63 mills per kWh |
| October | -7.63 mills per kWh | -7.63 mills per kWh |
| November | -7.63 mills per kWh | -7.63 mills per kWh |
| December | -7.63 mills per kWh | -7.63 mills per kWh |

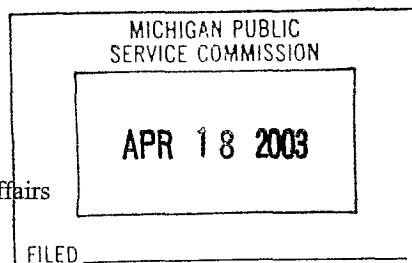
CANCELLED BY
ORDER U-13553

REMOVED BY JKB

DATE 6/3/03

Issued: February 14, 2003

By: J. F. Schott
Ass't Vice President – Regulatory Affairs
Houghton, Michigan



Effective: January 1, 2003

Issued under authority of the
Michigan Public Service Commission
Dated: February 10, 2003

In Case No. U-13553

Continued from Sheet No. 45.0

The authorized PSCR Factor to be used for each of the 12 months ending December 2002 is a negative 12.10 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>2002</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> | <u>2000 & 2001 Applied Reconciliation Factor</u> |
|-------------|-------------------------------|----------------------------|--|
| January | -12.10 mills per kWh | -12.10 mills per kWh | |
| February | -12.10 mills per kWh | -12.10 mills per kWh | -5.78 mills per kWh |
| March | -12.10 mills per kWh | -12.10 mills per kWh | |
| April | -12.10 mills per kWh | -12.10 mills per kWh | |
| May | -12.10 mills per kWh | -12.10 mills per kWh | 3.85 mills per kWh |
| June | -12.10 mills per kWh | -12.10 mills per kWh | |
| July | -12.10 mills per kWh | -12.10 mills per kWh | |
| August | -12.10 mills per kWh | -12.10 mills per kWh | |
| September | -12.10 mills per kWh | -12.10 mills per kWh | |
| October | -12.10 mills per kWh | -12.10 mills per kWh | |
| November | -12.10 mills per kWh | -12.10 mills per kWh | |
| December | -12.10 mills per kWh | -12.10 mills per kWh | |

February 2002, -5.78 mills per kWh as authorized in Case No. U-12604-R
(2001 Power Supply Cost Recovery Reconciliation)

May 2002, 3.85 mills per kWh as authorized in Case No. U-12126-R
(2000 Power Supply Cost Recovery Reconciliation)

| |
|---|
| CANCELLED BY ORDER <u>Self-imp U-13553</u> |
| REMOVED BY <u>JKB</u> |
| DATE <u>4-18-03</u> |

Issued: August 27, 2002

By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



Effective: February 1, 2002

Issued under authority of the
Michigan Public Service Commission
Dated August 20, 2002

In Case No. U-12604-R

Continued from Sheet No. 45.0

The authorized PSCR Factor to be used for each of the 12 months ending December 2002 is a negative 12.10 mills per kWh.

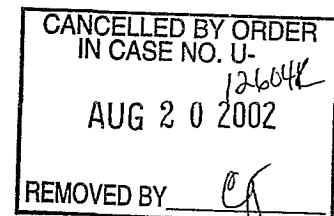
Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>2002</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> | <u>2000 Applied Reconciliation Factor</u> |
|-------------|-------------------------------|----------------------------|---|
| January | -12.10 mills per kWh | -12.10 mills per kWh | |
| February | -12.10 mills per kWh | -12.10 mills per kWh | |
| March | -12.10 mills per kWh | -12.10 mills per kWh | |
| April | -12.10 mills per kWh | -12.10 mills per kWh | |
| May | -12.10 mills per kWh | -12.10 mills per kWh | 3.85 mills per kWh |
| June | -12.10 mills per kWh | -12.10 mills per kWh | |
| July | -12.10 mills per kWh | -12.10 mills per kWh | |
| August | -12.10 mills per kWh | -12.10 mills per kWh | |
| September | -12.10 mills per kWh | -12.10 mills per kWh | |
| October | -12.10 mills per kWh | -12.10 mills per kWh | |
| November | -12.10 mills per kWh | -12.10 mills per kWh | |
| December | -12.10 mills per kWh | -12.10 mills per kWh | |

*May 2002, 3.85 mills per kWh as authorized in Case No. U-12126-R
(2000 Power Supply Cost Recovery Reconciliation)*

Issued: May 6, 2002

By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



Effective: May 1, 2002

Issued under authority of the
Michigan Public Service Commission
Dated April 16, 2002

In Case No. U-12126-R

Continued from Sheet No. 45.0

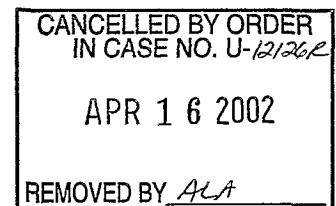
The authorized PSCR Factor to be used for each of the 12 months ending December 2002 is a negative 12.10 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>2002</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|-------------|-------------------------------|----------------------------|
| January | -12.10 mills per kWh | -12.10 mills per kWh |
| February | -12.10 mills per kWh | -12.10 mills per kWh |
| March | -12.10 mills per kWh | -12.10 mills per kWh |
| April | -12.10 mills per kWh | -12.10 mills per kWh |
| May | -12.10 mills per kWh | -12.10 mills per kWh |
| June | -12.10 mills per kWh | -12.10 mills per kWh |
| July | -12.10 mills per kWh | -12.10 mills per kWh |
| August | -12.10 mills per kWh | -12.10 mills per kWh |
| September | -12.10 mills per kWh | -12.10 mills per kWh |
| October | -12.10 mills per kWh | -12.10 mills per kWh |
| November | -12.10 mills per kWh | -12.10 mills per kWh |
| December | -12.10 mills per kWh | -12.10 mills per kWh |

Issued: April 10, 2002

By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



Effective: January 1, 2002

Issued under authority of the
Michigan Public Service Commission
Dated March 29, 2002

In Case No. U-13104

Continued from Sheet No. 45.0

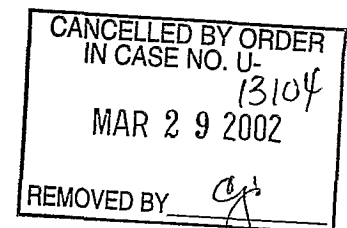
The authorized PSCR Factor to be used for each of the 12 months ending December 2001 is -11.90 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>2001</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|-------------|-------------------------------|----------------------------|
| January | -11.90 mills per kWh | -11.90 mills per kWh |
| February | -11.90 mills per kWh | -11.90 mills per kWh |
| March | -11.90 mills per kWh | -11.90 mills per kWh |
| April | -11.90 mills per kWh | -11.90 mills per kWh |
| May | -11.90 mills per kWh | -11.90 mills per kWh |
| June | -11.90 mills per kWh | -11.90 mills per kWh |
| July | -11.90 mills per kWh | -11.90 mills per kWh |
| August | -11.90 mills per kWh | -11.90 mills per kWh |
| September | -11.90 mills per kWh | -11.90 mills per kWh |
| October | -11.90 mills per kWh | -11.90 mills per kWh |
| November | -11.90 mills per kWh | -11.90 mills per kWh |
| December | -11.90 mills per kWh | -11.90 mills per kWh |

Issued: November 5, 2001

By: W.L. Bourbonnais
Manager- Rates & Econ Eval.
Houghton, Michigan



Effective: November 1, 2001

Issued under authority of the
Michigan Public Service Commission
Dated October 29, 2001

In Case No. U-12604

Continued from Sheet No. 45.0

The authorized PSCR Factor to be used for each of the 12 months ending December 2001 is -11.90 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>2001</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|-------------|-------------------------------|----------------------------|
| January | | -11.90 mills per kWh |
| February | | -11.90 mills per kWh |
| March | | -11.90 mills per kWh |
| April | | -11.90 mills per kWh |
| May | | -11.90 mills per kWh |
| June | | -11.90 mills per kWh |
| July | | -11.90 mills per kWh |
| August | | -11.90 mills per kWh |
| September | | -11.90 mills per kWh |
| October | | -11.90 mills per kWh |
| November | | -11.90 mills per kWh |
| December | | -11.90 mills per kWh |

Issued: October 24, 2001

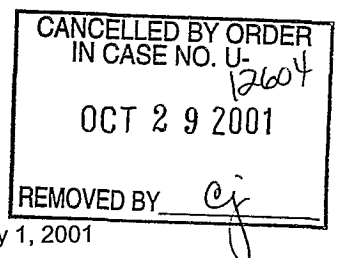
By: W.L. Bourbonnais
Manager-Rates & Econ Eval.
Houghton, Michigan



Effective: January 1, 2001

Issued under authority of the
Michigan Public Service Commission
1982 PA 304 Sec 6j(9)
and for Implementing

In Case No. U-12604



Continued from Sheet No. 45.0

The authorized PSCR Factor to be used for each of the 12 months ending December 2000 is -13.49 mills per kWh.

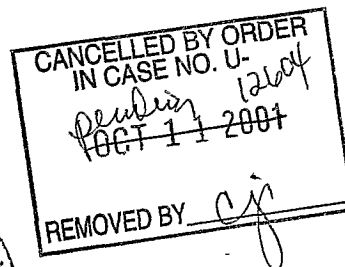
Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>2000</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> | <u>1999 Applied Reconciliation Factor</u> |
|-------------|-------------------------------|----------------------------|---|
| January | -13.49 mills per kWh | -13.49 mills per kWh | |
| February | -13.49 mills per kWh | -13.49 mills per kWh | -8.70 mills per kWh |
| March | -13.49 mills per kWh | -13.49 mills per kWh | |
| April | -13.49 mills per kWh | -13.49 mills per kWh | |
| May | -13.49 mills per kWh | -13.49 mills per kWh | |
| June | -13.49 mills per kWh | -13.49 mills per kWh | |
| July | -13.49 mills per kWh | -13.49 mills per kWh | |
| August | -13.49 mills per kWh | -13.49 mills per kWh | |
| September | -13.49 mills per kWh | -13.49 mills per kWh | |
| October | -13.49 mills per kWh | -13.49 mills per kWh | |
| November | -13.49 mills per kWh | -13.49 mills per kWh | |
| December | -13.49 mills per kWh | -13.49 mills per kWh | |

*February 2000 -8.70 mills per kWh credit was applied to each bill as authorized in Case No. U-11791-R
(1999 Power Supply Cost Recovery Reconciliation)*

Issued: September 1, 2000

By: C. Fisher, President
Houghton, Michigan



Effective: September 1, 2000

Issued under authority of the
Michigan Public Service Commission
Dated August 17, 2000

In Case No. U-11791-R

Continued from Sheet No. 45.0

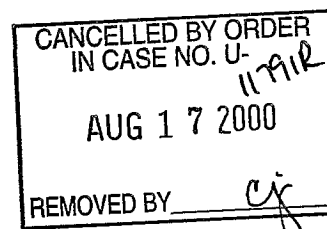
The authorized PSCR Factor to be used for each of the 12 months ending December 2000 is -13.49 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>2000</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|-------------|-------------------------------|----------------------------|
| January | -13.49 mills per kWh | -13.49 mills per kWh |
| February | -13.49 mills per kWh | -13.49 mills per kWh |
| March | -13.49 mills per kWh | -13.49 mills per kWh |
| April | -13.49 mills per kWh | -13.49 mills per kWh |
| May | -13.49 mills per kWh | -13.49 mills per kWh |
| June | -13.49 mills per kWh | -13.49 mills per kWh |
| July | -13.49 mills per kWh | -13.49 mills per kWh |
| August | -13.49 mills per kWh | -13.49 mills per kWh |
| September | -13.49 mills per kWh | -13.49 mills per kWh |
| October | -13.49 mills per kWh | -13.49 mills per kWh |
| November | -13.49 mills per kWh | -13.49 mills per kWh |
| December | -13.49 mills per kWh | -13.49 mills per kWh |

Issued: January 1, 2000

By: C. Fisher, President
Houghton, Michigan



Effective: January 1, 2000

Issued under authority of the
Michigan Public Service Commission
Dated February 20, 2000

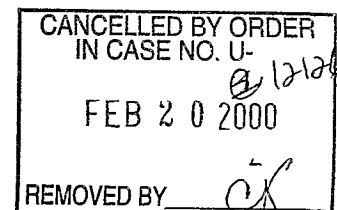
In Case No. U-12126

The authorized PSCR Factor to be used for each of the 12 months ending December 1999 is -14.31 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1999</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|-------------|-------------------------------|----------------------------|
| January | -14.31 mills per kWh | -14.31 mills per kWh |
| February | -14.31 mills per kWh | -14.31 mills per kWh |
| March | -14.31 mills per kWh | -14.31 mills per kWh |
| April | -14.31 mills per kWh | -14.31 mills per kWh |
| May | -14.31 mills per kWh | -14.31 mills per kWh |
| June | -14.31 mills per kWh | -14.31 mills per kWh |
| July | -14.31 mills per kWh | -14.31 mills per kWh |
| August | -14.31 mills per kWh | -14.31 kWh per kWh |
| September | -14.31 mills per kWh | -14.31 mills per kWh |
| October | -14.31 mills per kWh | -14.31 mills per kWh |
| November | -14.31 mills per kWh | -14.31 mills per kWh |
| December | -14.31 mills per kWh | -14.31 mills per kWh |

September 1999 8.27 mills per kWh as authorized in Case No. U-11530-R
(1998 Power Supply Cost Recovery Reconciliation)



Issued September 1, 1999 by

C. Fisher
President
Houghton, Michigan



Effective:

September 1, 1999

Issued under authority of the
Michigan Public Service Commission

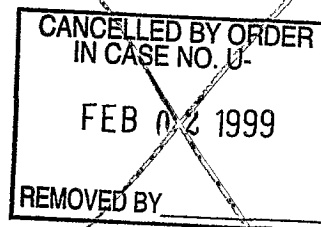
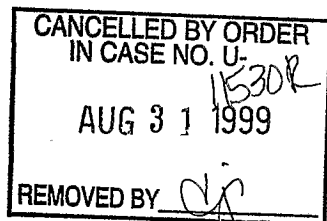
Dated August 31, 1999

In Case No. U-11530-R

The authorized PSCR Factor to be used for each of the 12 months ending December 1999 is -14.31 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1999</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|-------------|-------------------------------|----------------------------|
| January | -14.31 mills per kWh | -14.31 mills per kWh |
| February | -14.31 mills per kWh | -14.31 mills per kWh |
| March | -14.31 mills per kWh | -14.31 mills per kWh |
| April | -14.31 mills per kWh | -14.31 mills per kWh |
| May | -14.31 mills per kWh | -14.31 mills per kWh |
| June | -14.31 mills per kWh | -14.31 mills per kWh |
| July | -14.31 mills per kWh | -14.31 mills per kWh |
| August | -14.31 mills per kWh | -14.31 kWh per kWh |
| September | -14.31 mills per kWh | -14.31 mills per kWh |
| October | -14.31 mills per kWh | -14.31 mills per kWh |
| November | -14.31 mills per kWh | -14.31 mills per kWh |
| December | -14.31 mills per kWh | -14.31 mills per kWh |



Issued January 1, 1999 by

C. Fisher
President
Houghton, Michigan



Effective:

January 1, 1999

Issued under authority of the
Michigan Public Service Commission

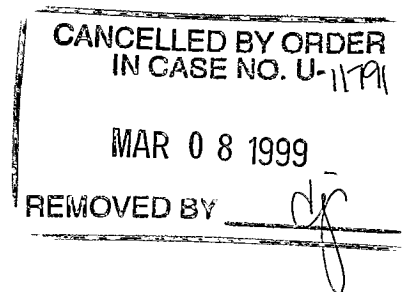
Dated March 8, 1999

In Case No. U-11791

The authorized PSCR Factor to be used for each of the 12 months ending December 1998 is -15.10 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1998</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|-------------|-------------------------------|----------------------------|
| January | -15.10 mills per kWh | -15.10 mills per kWh |
| February | -15.10 mills per kWh | -15.10 mills per kWh |
| March | -15.10 mills per kWh | -15.10 mills per kWh |
| April | -15.10 mills per kWh | -15.10 mills per kWh |
| May | -15.10 mills per kWh | -15.10 mills per kWh |
| June | -15.10 mills per kWh | -15.10 mills per kWh |
| July | -15.10 mills per kWh | -15.10 mills per kWh |
| August | -15.10 mills per kWh | -15.10 mills per kWh |
| September | -15.10 mills per kWh | -15.10 mills per kWh |
| October | -15.10 mills per kWh | -15.10 mills per kWh |
| November | -15.10 mills per kWh | -15.10 mills per kWh |
| December | -15.10 mills per kWh | -15.10 mills per kWh |



Issued January 1, 1998 by

C. Fisher
President
Houghton, Michigan



Effective:

January 1, 1998

Issued under authority of the
Michigan Public Service Commission

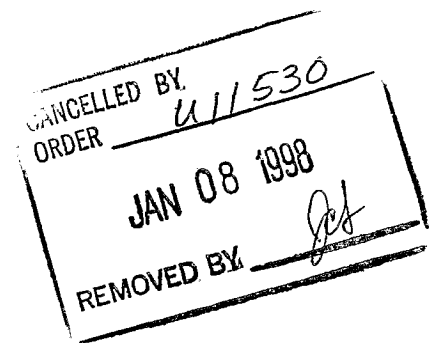
Dated January 8, 1998

In Case No. U-11530

The authorized PSCR Factor to be used for each of the 12 months ending December 1997 is -12.04 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1997</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|-------------|-------------------------------|----------------------------|
| January | -12.04 mills per kWh | -12.04 mills per kWh |
| February | -12.04 mills per kWh | -12.04 mills per kWh |
| March | -12.04 mills per kWh | -12.04 mills per kWh |
| April | -12.04 mills per kWh | -12.04 mills per kWh |
| May | -12.04 mills per kWh | -12.04 mills per kWh |
| June | -12.04 mills per kWh | -12.04 mills per kWh |
| July | -12.04 mills per kWh | -12.04 mills per kWh |
| August | -12.04 mills per kWh | -12.04 mills per kWh |
| September | -12.04 mills per kWh | -12.04 mills per kWh |
| October | -12.04 mills per kWh | -12.04 mills per kWh |
| November | -12.04 mills per kWh | -12.04 mills per kWh |
| December | -12.04 mills per kWh | -12.04 mills per kWh |



Issued January 1, 1997 by

C. Fisher
President
Houghton, Michigan



Effective:

January 1, 1997

Issued under authority of the
Michigan Public Service Commission

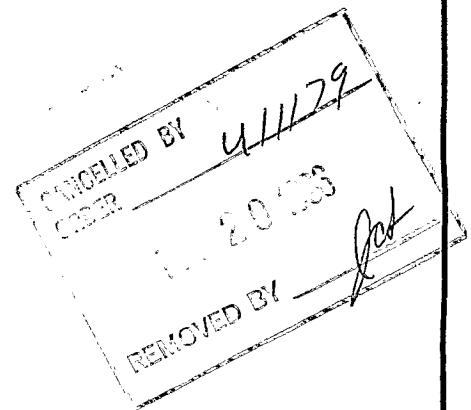
Dated December 20, 1996

In Case No. U-11179

The authorized PSCR Factor to be used for each of the 12 months ending December 1996 is .98 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1996</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|-------------|-------------------------------|----------------------------|
| January | .98 mills per kWh | .98 mills per kWh |
| February | .98 mills per kWh | .98 mills per kWh |
| March | .98 mills per kWh | .98 mills per kWh |
| April | .98 mills per kWh | .98 mills per kWh |
| May | .98 mills per kWh | .98 mills per kWh |
| June | .98 mills per kWh | .98 mills per kWh |
| July | .98 mills per kWh | .98 mills per kWh |
| August | .98 mills per kWh | .98 mills per kWh |
| September | .98 mills per kWh | -9.65 mills per kWh |
| October | .98 mills per kWh | -9.65 mills per kWh |
| November | .98 mills per kWh | -9.65 mills per kWh |
| December | .98 mills per kWh | -9.65 mills per kWh |



Issued August 15, 1996 by

C. Fisher
President
Houghton, Michigan



Effective:

September 1, 1996

Issued under authority of the
Michigan Public Service Commission

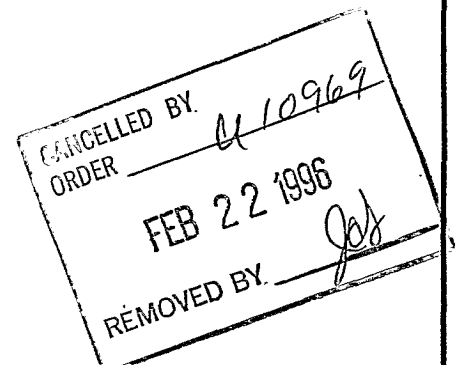
Dated February 22, 1996

In Case No. U-10969

The authorized PSCR Factor to be used for each of the 12 months ending December 1996 is .98 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1996</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|-------------|-------------------------------|----------------------------|
| January | .98 mills per kWh | .98 mills per kWh |
| February | .98 mills per kWh | .98 mills per kWh |
| March | .98 mills per kWh | .98 mills per kWh |
| April | .98 mills per kWh | .98 mills per kWh |
| May | .98 mills per kWh | .98 mills per kWh |
| June | .98 mills per kWh | .98 mills per kWh |
| July | .98 mills per kWh | .98 mills per kWh |
| August | .98 mills per kWh | .98 mills per kWh |
| September | .98 mills per kWh | .98 mills per kWh |
| October | .98 mills per kWh | .98 mills per kWh |
| November | .98 mills per kWh | .98 mills per kWh |
| December | .98 mills per kWh | .98 mills per kWh |



Issued March 1, 1996 by

C. Fisher
President
Houghton, Michigan



Effective:

January 1, 1996

Issued under authority of the
Michigan Public Service Commission

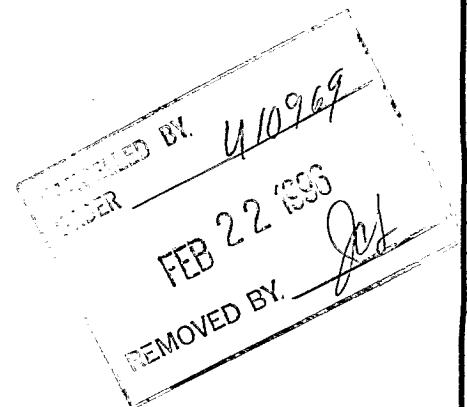
Dated February 22, 1996

In Case No. U-10969

The authorized PSCR Factor to be used for each of the 12 months ending December 1995 is .98 mills per kWh.

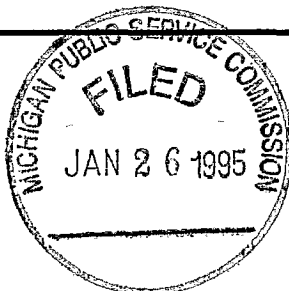
Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1995</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|-------------|-------------------------------|----------------------------|
| January | .98 mills per kWh | .98 mills per kWh |
| February | .98 mills per kWh | .98 mills per kWh |
| March | .98 mills per kWh | .98 mills per kWh |
| April | .98 mills per kWh | .98 mills per kWh |
| May | .98 mills per kWh | .98 mills per kWh |
| June | .98 mills per kWh | .98 mills per kWh |
| July | .98 mills per kWh | .98 mills per kWh |
| August | .98 mills per kWh | .98 mills per kWh |
| September | .98 mills per kWh | .98 mills per kWh |
| October | .98 mills per kWh | .98 mills per kWh |
| November | .98 mills per kWh | .98 mills per kWh |
| December | .98 mills per kWh | .98 mills per kWh |



Issued January 18, 1995 by

C. Fisher
President
Houghton, Michigan



Effective:

January 1, 1995

Issued under authority of the
Michigan Public Service Commission

Dated January 11, 1995

In Case No. U-10706

The authorized PSCR Factor to be used for each of the 12 months ending December 1994 is -0.18 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1994</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|-------------|-------------------------------|----------------------------|
| January | -0.18 mills per kWh | -0.18 mills per kWh |
| February | -0.18 mills per kWh | -0.18 mills per kWh |
| March | -0.18 mills per kWh | -0.18 mills per kWh |
| April | -0.18 mills per kWh | -0.18 mills per kWh |
| May | -0.18 mills per kWh | -0.18 mills per kWh |
| June | -0.18 mills per kWh | -0.18 mills per kWh |
| July | -0.18 mills per kWh | -0.18 mills per kWh |
| August | -0.18 mills per kWh | -0.18 mills per kWh |
| September | -0.18 mills per kWh | -0.18 mills per kWh |
| October | -0.18 mills per kWh | -0.18 mills per kWh |
| November | -0.18 mills per kWh | -0.18 mills per kWh |
| December | -0.18 mills per kWh | -0.18 mills per kWh |

*Cancelled
Jan 11, 1995
Case No. U10706*

Issued February 21, 1994 by

C. Fisher
President
Houghton, Michigan



Effective: for electric service rendered
on and after February 9, 1994

Issued under authority of the
Michigan Public Service Commission

Dated February 9, 1994

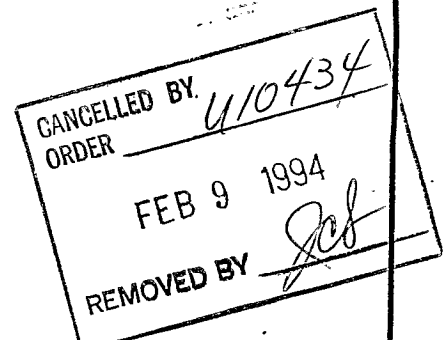
In Case No. U-10434

The authorized PSCR Factor to be used for each of the 12 months ending December 1993 is 3.27 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

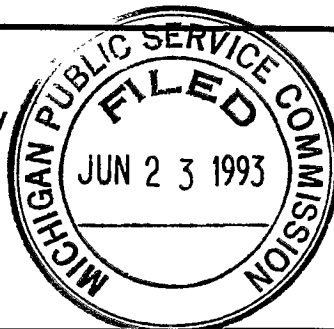
ALL CLASSES

| <u>1993</u> | <u>Authorized PSCR Factor</u> | <u>Applied PSCR Factor</u> |
|-------------|-------------------------------|----------------------------|
| January | 3.27 mills per kWh | 3.27 mills per kWh |
| February | 3.27 mills per kWh | 3.27 mills per kWh |
| March | 3.27 mills per kWh | 3.27 mills per kWh |
| April | 3.27 mills per kWh | 3.27 mills per kWh |
| May | 3.27 mills per kWh | -1.00 mills per kWh |
| June | 3.27 mills per kWh | -1.00 mills per kWh |
| July | 3.27 mills per kWh | -1.00 mills per kWh |
| August | 3.27 mills per kWh | -1.00 mills per kWh |
| September | 3.27 mills per kWh | -1.00 mills per kWh |
| October | 3.27 mills per kWh | -1.00 mills per kWh |
| November | 3.27 mills per kWh | -1.00 mills per kWh |
| December | 3.27 mills per kWh | -1.00 mills per kWh |



Issued June 1, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: For services rendered
on and after May 12, 1993

Issued under authority of the
Michigan Public Service Commission

Dated May 11, 1993

In Case No. U-10094

The authorized PSCR Factor to be used for each of the 12 months ending December 1993 is 3.27 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1993</u> | <u>Applied PSCR Factor</u> |
|-------------|----------------------------|
| January | 3.27 mills per kWh |
| February | 3.27 mills per kWh |
| March | 3.27 mills per kWh |
| April | 3.27 mills per kWh |
| May | -1.00 mills per kWh |
| June | -1.00 mills per kWh |
| July | -1.00 mills per kWh |
| August | -1.00 mills per kWh |
| September | -1.00 mills per kWh |
| October | -1.00 mills per kWh |
| November | -1.00 mills per kWh |
| December | -1.00 mills per kWh |

CANCELLED BY
ORDER U-10094
MAY 11 1993
REMOVED BY [Signature]

Issued April 29, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: for electric service rendered
for billing month of May 1993

Issued under authority of the
Michigan Public Service Commission

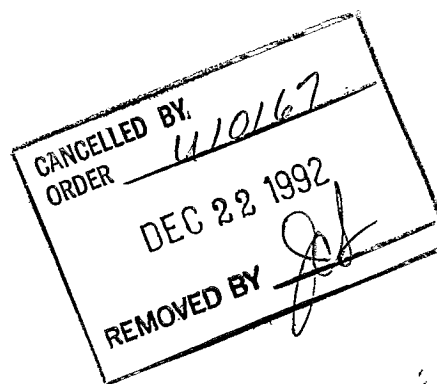
Dated December 22, 1992

In Case No. U-10167

The authorized PSCR Factor to be used for each of the 12 months ending December 1993 is 3.27 mills per kWh.

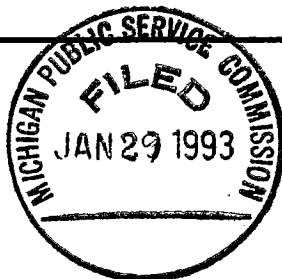
Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1993</u> | <u>Applied PSCR Factor</u> |
|-------------|----------------------------|
| January | 3.27 mills per kWh |



Issued January 14, 1993 by

C. Fisher
President
Houghton, Michigan



Effective: for electric service rendered
on and after January 1, 1993

Issued under authority of the
Michigan Public Service Commission

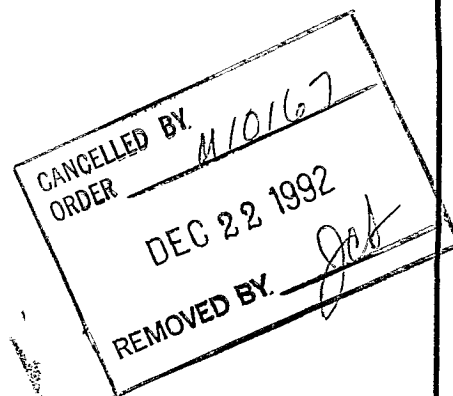
Dated December 22, 1992

In Case No. U-10167

The authorized PSCR Factor to be used for each of the 12 months ending December 1992 is 1.96 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1992</u> | <u>Applied PSCR Factor</u> |
|-------------|----------------------------|
| January | 1.96 mills per kWh |
| February | 1.96 mills per kWh |
| March | 1.96 mills per kWh |
| April | 1.96 mills per kWh |
| May | 1.96 mills per kWh |
| June | 1.96 mills per kWh |
| July | 0.00 mills per kWh |
| August | 0.00 mills per kWh |
| September | 0.00 mills per kWh |
| October | 0.00 mills per kWh |
| November | -24.50 mills per kWh |



Issued October 20, 1992 by

C. Fisher
President
Houghton, Michigan



Effective: for electric service rendered
on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

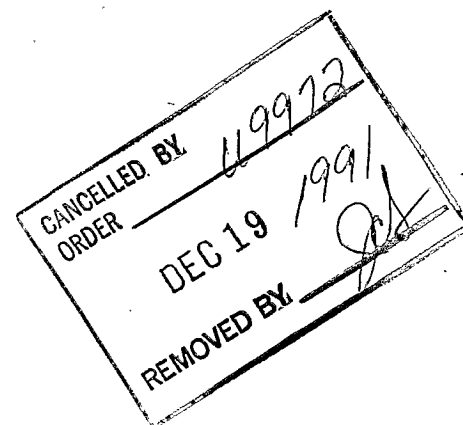
Dated December 19, 1991

In Case No. U-9972

The authorized PSCR Factor to be used for each of the 12 months ending December 1992 is 1.96 mills per kWh.

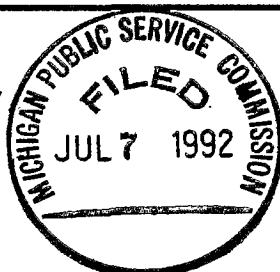
Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1992</u> | <u>Applied PSCR Factor</u> |
|-------------|----------------------------|
| January | 1.96 mills per kWh |
| February | 1.96 mills per kWh |
| March | 1.96 mills per kWh |
| April | 1.96 mills per kWh |
| May | 1.96 mills per kWh |
| June | 1.96 mills per kWh |
| July | 0.00 mills per kWh |



Issued June 18, 1992 by

C. Fisher
President
Houghton, Michigan



Effective: for electric service rendered
on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

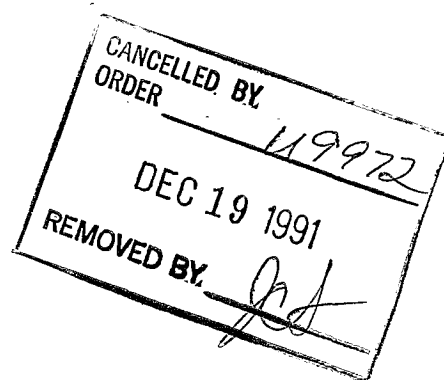
Dated December 19, 1991

In Case No. U-9972

The authorized PSCR Factor to be used for each of the 12 months ending December 1992 is 1.96 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1992</u> | <u>Applied PSCR Factor</u> |
|-------------|----------------------------|
| January | 1.96 mills per kWh |



Issued January 3, 1992 by

C. Fisher
President
Houghton, Michigan



Effective: for electric service rendered
on and after January 1, 1992

Issued under authority of the
Michigan Public Service Commission

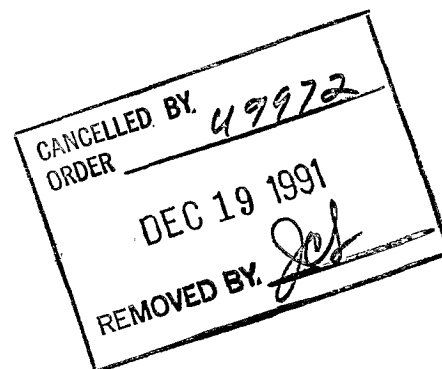
Dated December 19, 1991

In Case No. U-9972

The authorized PSCR Factor to be used for each of the 12 months ending December 1991 is -5.85 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1991</u> | <u>Applied PSCR Factor</u> |
|-------------|----------------------------|
| January | -5.85 mills per kWh |
| February | -5.85 mills per kWh |
| March | -5.85 mills per kWh |
| April | -5.85 mills per kWh |
| May | 0.00 mills per kWh |



Issued April 4, 1991 by

E. Argentati
President
Houghton, Michigan



Effective: Bills issued on and
after May 1, 1991

Issued under authority of the
Michigan Public Service Commission

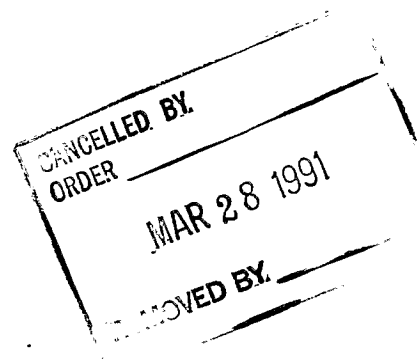
Dated March 28, 1991

In Case No. U-9785

The authorized PSCR Factor to be used for each of the 12 months ending December 1991 is -5.85 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1991</u> | <u>Applied PSCR Factor</u> |
|-------------|----------------------------|
| January | -5.85 mills per kWh |
| February | -5.85 mills per kWh |
| March | -5.85 mills per kWh |



Issued February 18, 1991 by

E. Argentati
President
Houghton, Michigan



Effective:

January 1, 1991

Issued under authority of the
Michigan Public Service Commission

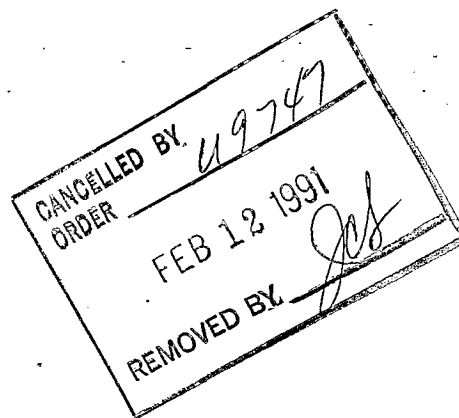
Dated February 12, 1991

In Case No. U-9747

The authorized PSCR Factor to be used for each of the 12 months ending December 1990 is -4.00 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1990</u> | <u>Applied PSCR Factor</u> |
|-------------|----------------------------|
| January | -4.00 mills per kWh |
| February | -4.00 mills per kWh |
| March | -4.00 mills per kWh |
| April | -4.00 mills per kWh |
| May | -4.00 mills per kWh |
| June | -6.00 mills per kWh |
| July | -6.00 mills per kWh |
| August | -6.00 mills per kWh |
| September | -6.00 mills per kWh |
| October | -6.00 mills per kWh |
| November | -6.00 mills per kWh |
| December | -6.00 mills per kWh |



Issued May 17, 1990 by

E. Argentati
President
Houghton, Michigan



Effective for electric service
rendered on and after

June Billing Cycle

Issued under authority of the
Michigan Public Service Commission

Dated February 6, 1990

In Case No. U-9455

The authorized PSCR Factor to be used for each of the 12 months ending December 1990 is -4.00 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1990</u> | <u>Applied PSCR Factor</u> |
|-------------|----------------------------|
| January | -4.00 mills per kWh |
| February | -4.00 mills per kWh |

Issued February 15, 1990 by

E. Argentati
President
Houghton, Michigan



Effective for electric service
rendered on and after

January 1, 1990

Issued under authority of the
Michigan Public Service Commission

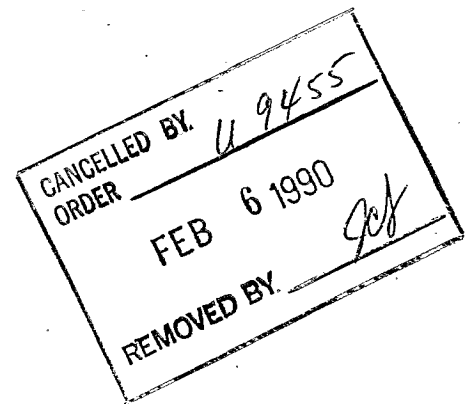
Dated February 6, 1990

In Case No. U-9455

The authorized PSCR Factor to be used for each of the 12 months ending December 1989 is -4.11 mills per kWh.

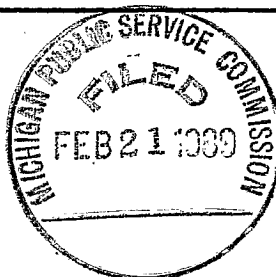
Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1989</u> | <u>Applied PSCR Factor</u> |
|-------------|----------------------------|
| January | -4.11 mills per kWh |



Issued February 10, 1989 by

E. Argentati
President
Houghton, Michigan



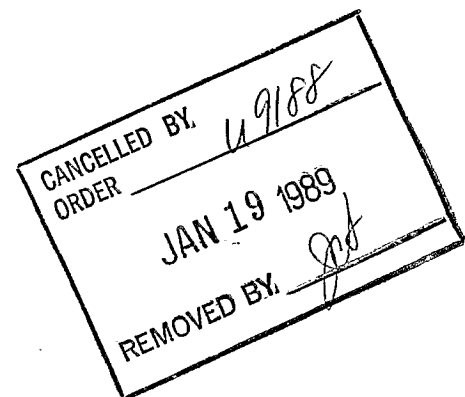
Effective for electric service
rendered on and after
January 1, 1989

Issued under authority of the
Michigan Public Service Commission
Dated January 19, 1989
In Case No. U-9188

The authorized PSCR Factor to be used for each of the 12 months ending December 1988 is -4.37 mills per kWh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1988</u> | <u>Applied PSCR Factor</u> |
|-------------|----------------------------|
| January | -4.37 mills per kWh |
| February | -4.37 mills per kWh |
| March | -4.37 mills per kWh |
| April | -4.37 mills per kWh |
| May | -4.37 mills per kWh |
| June | -4.37 mills per kWh |
| July | -4.37 mills per kWh |
| August | -4.37 mills per kWh |
| September | -4.37 mills per kWh |



Issued September 27, 1988 by

E. Argentati
President
Houghton, Michigan



Effective for electric service
rendered on and after

January 1, 1988

Issued under authority of the
Michigan Public Service Commission

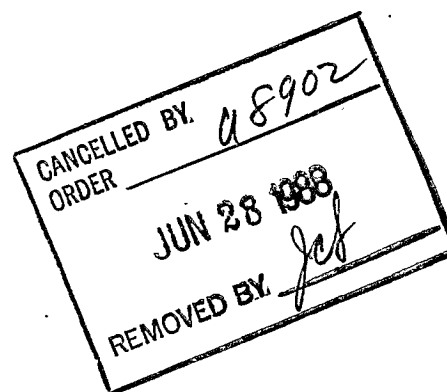
Dated June 28, 1988

In Case No. U-8902

The authorized PSCR Factor to be used for each of the 12 months ending December 1987 is -0- mills per Kwh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1988</u> | <u>Applied PSCR Factor</u> |
|-------------|----------------------------|
| January | -4.37 mills per Kwh |
| February | -4.37 mills per Kwh |
| March | -4.37 mills per Kwh |
| April | -4.37 mills per Kwh |



Issued April 8, 1988 by

E. Argentati
President
Houghton, Michigan



Effective for electric service
rendered on and after
January 1, 1987

Issued under authority of the
Michigan Public Service Commission
Dated September 29, 1987
In Case No. U-8585

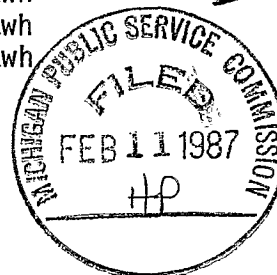
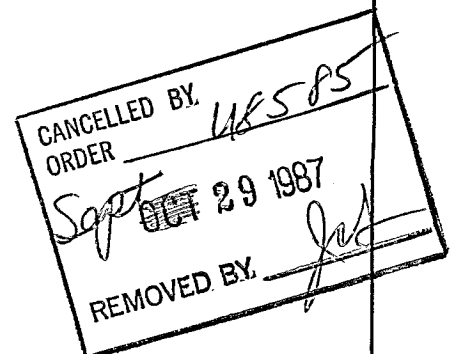
The authorized PSCR Factor to be used for each of the 12 months ending December 1986 is 4.55 mills per Kwh.

Should the Company apply lesser factors than those above, or if the factors are later revised pursuant to Commission Orders or 1982 PA 304, the Company will notify the Commission and file a revision of the following list.

| <u>1986</u> | <u>Applied PSCR Factor</u> |
|-------------|----------------------------|
| January | 8.88 mills per Kwh (1) |
| February | 6.71 mills per Kwh (1) |
| March | 6.71 mills per Kwh (1) |
| April | 6.71 mills per Kwh (1) |
| May | 6.71 mills per Kwh (1) |
| June | 6.71 mills per Kwh (1) |
| July | 6.71 mills per Kwh (1) |
| August | 6.71 mills per Kwh (1) |
| September | 6.71 mills per Kwh (1) |
| October | 6.71 mills per Kwh (1) |
| November | 6.71 mills per Kwh (1) |
| December | 6.71 mills per Kwh (1) |

(1) Includes 1984 Reconciliation Adjustment of 2.16 mills per Kwh

| <u>1987</u> | <u>Applied PSCR Factor</u> |
|-------------|----------------------------|
| January | -0- mills per Kwh |
| February | -0- mills per Kwh |
| March | -0- mills per Kwh |
| April | -0- mills per Kwh |
| May | -0- mills per Kwh |
| June | -0- mills per Kwh |
| July | -0- mills per Kwh |
| August | -0- mills per Kwh |
| September | -0- mills per Kwh |
| October | -0- mills per Kwh |
| November | -0- mills per Kwh |
| December | -0- mills per Kwh |



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986

POWER SUPPLY COST RECOVERY IRON RIVER SYSTEM

Continued from Sheet No. 45.1

ALL CLASSES

Iron River System

Power Supply Cost Recovery Factors

| Billing Months | Authorized 2007 Plan Year PSCR Factor \$/kWh | Authorized PSCR Reconciliation Factor \$/kWh | Maximum Authorized 2007 PSCR Factor \$/kWh | Actual Factor Billed \$/kWh |
|----------------|--|--|--|--------------------------------------|
| January 2006 | \$0.00183 | 0 | \$0.00183 | \$0.00183 |
| February 2006 | \$0.00183 | 0 | \$0.00183 | \$0.00183 |
| March 2006 | \$0.00183 | 0 | \$0.00183 | \$0.00183 |
| April 2006 | \$0.00183 | 0 | \$0.00183 | \$0.00183 |
| May 2006 | \$0.00183 | 0 | \$0.00183 | \$0.00183 |
| June 2006 | \$0.00183 | 0 | \$0.00183 | \$0.00183 |
| July 2006 | \$0.00183 | 0 | \$0.00183 | \$0.00183 |
| August 2006 | (\$0.01319) | 0 | (\$0.01319) | (\$0.01319) |
| September 2006 | (\$0.01319) | 0 | (\$0.01319) | (\$0.01319) |
| October 2006 | (\$0.01319) | (\$0.02297) | (\$0.03616) | (\$0.05191) |
| November 2006 | (\$0.01319) | 0 | (\$0.01319) | (\$0.02894) |
| December 2006 | (\$0.01319) | 0 | (\$0.01319) | (\$0.01319) |

Issued 3-15-07
 By J F Schott
 VP Regulatory Affairs
 Green Bay, Wisconsin

Effective for bills rendered
 for the billing months
 of October-Dec 2006
 Issued under the authority of
 Mich Public Serv Comm
 Dated 9-26-06
 Case No. U-14262-R

RATE CAB - TV POLE CONTACT RENTAL RATE

WHO MAY TAKE SERVICE:

ALL attaching parties as defined in 1980 PA 470, MCLA 460.6g.

TERRITORY APPLICABLE:

ALL territory served in the Company's Iron River District.

CHARACTER OF SERVICE:

Permission for attachment of cables, wires and appurtenances to the Company's facilities, where reasonably available and where such use will not interfere with the Company's own service requirements or the use of its facilities by others, including considerations of economy and safety, and where such use is permitted by law.

RATE:

Initial Application Fee: \$1.00 per pole

Attachment Fee: \$4.95 per pole per annum based upon the number of poles to which attachments are actually made on the first day of July each year.

TERMS OF PAYMENT:

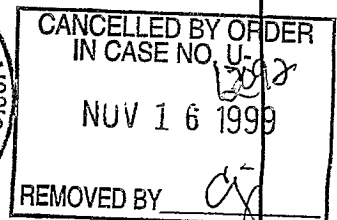
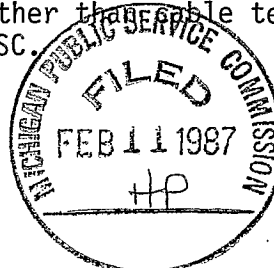
Due and payable annually, in advance, on the first day of August of each year.

RULES APPLYING:

Utility pole attachments are governed by 1980 PA 470, MCLA 460.6g and any rules promulgated by the MPSC applicable thereto.

SPECIAL TERMS AND CONDITIONS:

ALL cable television companies are required to enter into the standard license and pole contact agreement filed with the MPSC in Case No. U-8164 and are governed by the terms of that agreement, except for any such terms that are inconsistent with the regulatory jurisdiction and authority of the MPSC. Each agreement shall have an initial term of one year or more. Approval of agreements with attaching parties other than cable television companies will be obtained from the MPSC.



Issued January 12, 1987 by

E. Argentati
President
Houghton, Michigan

Issued under authority of the
Michigan Public Service Commission

Dated December 17, 1986

In Case no. U-8518

Effective for electric service
rendered on and after

December 18, 1986