

Retired Electric Utility Rate Book

The entire rate book entitled Detroit Edison Company – MPSC No. 9, with approved rate schedules, rules, regulations, and standard forms, was retired July 18, 2008, in compliance with the Commission’s Order in Case No. U-15152 issued on October 9, 2007.

THE DETROIT EDISON COMPANY
SCHEDULE OF RATES
GOVERNING THE SALE OF ELECTRIC SERVICE

This rate schedule applies to the entire area served by the Company. A map of the service area is shown on Sheet A-18.00. A list of counties, municipalities and townships served is included herewith, beginning on Sheet A-19.00.

REGION AND COUNTY AREA SERVED

Region	Service Centers	County
<i>Southeast</i>	Caniff S.C. Redford S.C. <i>Royal Oak S.C.</i>	
<i>Northwest</i>	Pontiac S.C.	Oakland
	Shelby S.C.	Macomb
	Howell S.C.	Oakland
<i>Northeast</i>	Lapeer S.C.	Lapeer Oakland Tuscola
	Marysville S.C.	Sanilac St. Clair
	Mt. Clemens S.C.	Macomb St. Clair
	North Area Energy Center	Huron Sanilac Tuscola
<i>Southwest</i>	Ann Arbor S.C.	Lenawee Washtenaw
	Newport S.C.	Monroe Wayne
	Western Wayne S.C.	Wayne

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Commission

December 20, 2006

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D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

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Original Sheet No. B10-1	February 10, 2004
Original Sheet No. B10-2	February 10, 2004
Original Sheet No. B10-3	February 10, 2004
Original Sheet No. B10-4	February 10, 2004
Original Sheet No. B10-5	February 10, 2004
Original Sheet No. C1-1	July 23, 1981
Eighth Revised Sheet No. C2-1	February 10, 2004
Eighth Revised Sheet No. C2-2	February 10, 2004
Original Sheet No. C2-2a	February 10, 2004
Original Revised Sheet No. C2-2b	February 10, 2004
Fourth Revised Sheet No. C2-3	October 29, 1992
Twenty-Third Revised Sheet No. D1	February 1, 2006
Twentieth Revised Sheet No. D1a	March 14, 2006
Twenty-Second Revised Sheet No. D1.1	February 1, 2006
Fourth Revised Sheet No. D1.1a	February 1, 2006
Twenty-First Revised Sheet No. D1.2	February 1, 2006
Twenty-Fourth Revised Sheet No. D1.3	March 14, 2006
Twenty-First Revised Sheet No. D1.4	February 1, 2006
Nineteenth Revised Sheet No. D1.5	February 1, 2006
Eighth Revised Sheet No. D1.6	cancelled January 22, 1994
Fourteenth Revised Sheet No. D1.7	February 27, 2006
Ninth Revised Sheet No. D1.7a	February 27, 2006
Twenty-Third Revised Sheet No. D2	February 1, 2006
Sixteenth Revised Sheet No. D2a	March 14, 2006
Thirteenth Revised Sheet No. D2.2	cancelled January 22, 1994
Twenty-Second Revised Sheet No. D3	February 1, 2006

(Continued on [Sheet No. A-14.00](#))

**ISSUED MARCH 6, 2008
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS**

DETROIT, MICHIGAN

Michigan Public Service
Commission

March 10, 2008

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Changes made to reflect revised sheet numbers and effective dates

(Continued From Sheet No. A-13.00)

TABLE OF CONTENTS – CHECKLIST (Continued)

<u>Sheet No.</u>	<u>Sheet Effective Date</u>
Eighteenth Revised Sheet No. D3.1	February 1, 2006
Fourth Revised Sheet No. D3.2	cancelled July 16, 1985
Twenty-Second Revised Sheet No. D3.3	February 1, 2006
Twenty-Second Revised Sheet No. D3.4	February 1, 2006
Twenty-Second Revised Sheet No. D4	February 1, 2006
Second Revised Sheet No. D4a	December 4, 2007
Second Revised Sheet No. D5	July 16, 1985
Twenty-Fourth Revised Sheet No. D5a	February 1, 2006
First Revised Sheet No. D5b	February 1, 2006
Twenty-Second Revised Sheet No. D6	February 1, 2006
Fifth Revised Sheet No. D6a	December 4, 2007
Third Revised Sheet No. D6b	September 5, 2006
Eighteenth Revised Sheet No. D6.1	February 1, 2006
Fourth Revised Sheet No. D6.1a	February 1, 2006
Second Revised Sheet No. D6.1b	February 1, 2006
Fifteenth Revised Sheet No. D6.2	Terminated September 5, 2006
Eighth Revised Sheet No. D6.2a	Terminated September 5, 2006
Second Revised Sheet No. D6.2b	Terminated September 5, 2006
Tenth Revised Sheet No. D7	February 1, 2006
Fourth Revised Sheet No. D7a	February 1, 2006
Tenth Revised Sheet No. D8	March 1, 2003
Twenty-Second Revised Sheet No. D8a	February 1, 2006
Third Revised Sheet No. D8b	February 1, 2006
Original Sheet No. D8c	February 1, 2006
Fifth Revised Sheet No. D8.1	cancelled January 1, 1989
Second Revised Sheet No. D8.1a	cancelled January 1, 1989
Sixteenth Revised Sheet No. D9	February 1, 2006
Tenth Revised Sheet No. D9a	February 1, 2006
Tenth Revised Sheet No. D9b	February 1, 2006
Eighteenth Revised Sheet No. D10	February 1, 2006
First Revised Sheet No. D10a	February 1, 2006
Fifteenth Revised Sheet No. E1	February 1, 2006
Twelfth Revised Sheet No. E1a	February 1, 2006
Eleventh Revised Sheet No. E1b	February 1, 2006
Eleventh Revised Sheet No. E1c	February 1, 2006
Fourteenth Revised Sheet No. E1.1	February 1, 2006

Michigan Public Service
Commission

January 10, 2008

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(Continued on Sheet No. A-15.00)

ISSUED JANUARY 8, 2008
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(Continued From Sheet No. A-14.00)

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<u>Sheet No.</u>	<u>Sheet Effective Date</u>
Twenty-Second Revised Sheet No. E1.1a	February 1, 2006
Eighteenth Revised Sheet No. E2	February 1, 2006
Sixth Revised Sheet No. E3	cancelled January 1, 1987
Twenty-Second Revised Sheet No. E4	cancelled February 1, 2006
Third Revised Sheet No. E4a	cancelled January 22, 1994
Twelfth Revised Sheet No. E4.1	cancelled January 22, 1994
Twenty-Second Revised Sheet No. E5	February 1, 2006
Twelfth Revised Sheet No. R1	cancelled January 22, 1994
Eighteenth Revised Sheet No. R1.1	September 5, 2006
Nineteenth Revised Sheet No. R1.1a	February 1, 2006
First Revised Sheet No. R1.1b	February 1, 2006
Fifteenth Revised Sheet No. R1.2	September 5, 2006
Eighteenth Revised Sheet No. R1.2a	February 1, 2006
First Revised Sheet No. R1.2b	February 1, 2006
First Revised Sheet No. R2	July 16, 1985
First Revised Sheet No. R2a	July 16, 1985
Eighth Revised Sheet No. R3	February 1, 2006
Third Revised Sheet No. R3a	February 1, 2006
First Revised Sheet No. R3b	February 1, 2006
Thirteenth Revised Sheet No. R3c	December 4, 2007
Second Revised Sheet No. R3d	February 1, 2006
Third Revised Sheet No. R3e	February 1, 2006
Sixth Revised Sheet No. R3f	February 1, 2006
First Revised Sheet No. R3g	January 1, 1999
Second Revised Sheet No. R4	November 24, 2004
Second Revised Sheet No. R4a	November 24, 2004
Fourth Revised Sheet No. R5	September 5, 2006
First Revised Sheet No. R5a	August 27, 1982
Second Revised Sheet No. R5b	July 16, 1985
Fourth Revised Sheet No. R6	January 22, 1994
First Revised Sheet No. R6a	August 27, 1982
Second Revised Sheet No. R6b	July 16, 1985
Twenty-Second Revised Sheet No. R7	February 1, 2006
Twenty-Second Revised Sheet No. R8	February 1, 2006
Eighth Revised Sheet No. R8a	February 1, 2006
Tenth Revised Sheet No. R9	December 4, 2007
Fourth Revised Sheet No. R9a	cancelled January 1, 1997
Third Revised Sheet No. R10	November 24, 2004
Sixth Revised Sheet No. R10a	February 1, 2006

Michigan Public Service
Commission

January 10, 2008

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(Continued on Sheet No. A-16.00)

ISSUED JANUARY 8, 2008
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DETROIT, MICHIGAN

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<u>Sheet No.</u>	<u>Sheet Effective Date</u>
S Seventh Revised Sheet No. R10b	February 1, 2006
Sixth Revised Sheet No. R10c	February 1, 2006
First Revised Sheet No. R10d	cancelled November 24, 2004
Fourth Revised Sheet No. R11	cancelled November 24, 2004
Thirteenth Revised Sheet No. R11a	cancelled November 24, 2004
Second Revised Sheet No. R12	June 7, 2005
Second Revised Sheet No. R13	June 7, 2005
Original Sheet No. R-DG	February 14, 2001
Original Sheet No. R-14	May 15, 2001
Original Sheet No. R-15	April 3, 2007
Original Sheet No. R-15a	April 3, 2007
Original Sheet No. R-16	October 25, 2005
Original Sheet No. R-16a	October 25, 2005
Original Sheet No. R-16b	October 25, 2005
Original Sheet No. R-16c	October 25, 2005
Fifth Revised Sheet No. ILP-1	cancelled October 26, 2001
First Revised Sheet No. EC1	cancelled June 30, 2004
First Revised Sheet No. EC1a	cancelled June 30, 2004
First Revised Sheet No. EC1b	cancelled June 30, 2004
Second Revised Sheet No. EC1c	cancelled June 30, 2004
Third Revised Sheet No. EC1d	cancelled June 30, 2004
Eighth Revised Sheet No. EC1e	cancelled June 30, 2004
First Revised Sheet No. EC1f	cancelled June 30, 2004
First Revised Sheet No. EC1g	cancelled June 30, 2004
Second Revised Sheet No. EC1h	cancelled June 30, 2004
Fourth Revised Sheet No. EC2	December 18, 2006
Second Revised Sheet No. EC2a	February 1, 2006
Fifth Revised Sheet No. EC2b	December 18, 2006
Fourth Revised Sheet No. EC2c	December 18, 2006
Fourth Revised Sheet No. EC2d	December 18, 2006
Fifth Revised Sheet No. EC2e	December 18, 2006
Fifth Revised Sheet No. EC2f	December 18, 2006
Third Revised Sheet No. EC2g	December 18, 2006
Fifth Revised Sheet No. EC2h	December 18, 2006
Fourth Revised Sheet No. EC2i	December 18, 2006
Third Revised Sheet No. EC2j	December 18, 2006
Tenth Revised Sheet No. EC2k	December 18, 2006
Fifth Revised Sheet No. EC2l	December 18, 2006
Fourth Revised Sheet No. EC2m	December 18, 2006
Third Revised Sheet No. EC2n	December 18, 2006
Second Sheet No. EC2o	December 18, 2006
Third Revised Sheet No. EC2p	December 18, 2006

Michigan Public Service
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June 5, 2007

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(Continued on Sheet No. A-17.00)

ISSUED MAY 30, 2007
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VICE PRESIDENT
REGULATORY AFFAIRS

EFFECTIVE: SEE ABOVE

DETROIT, MICHIGAN

(Continued From Sheet No. A-16.00)

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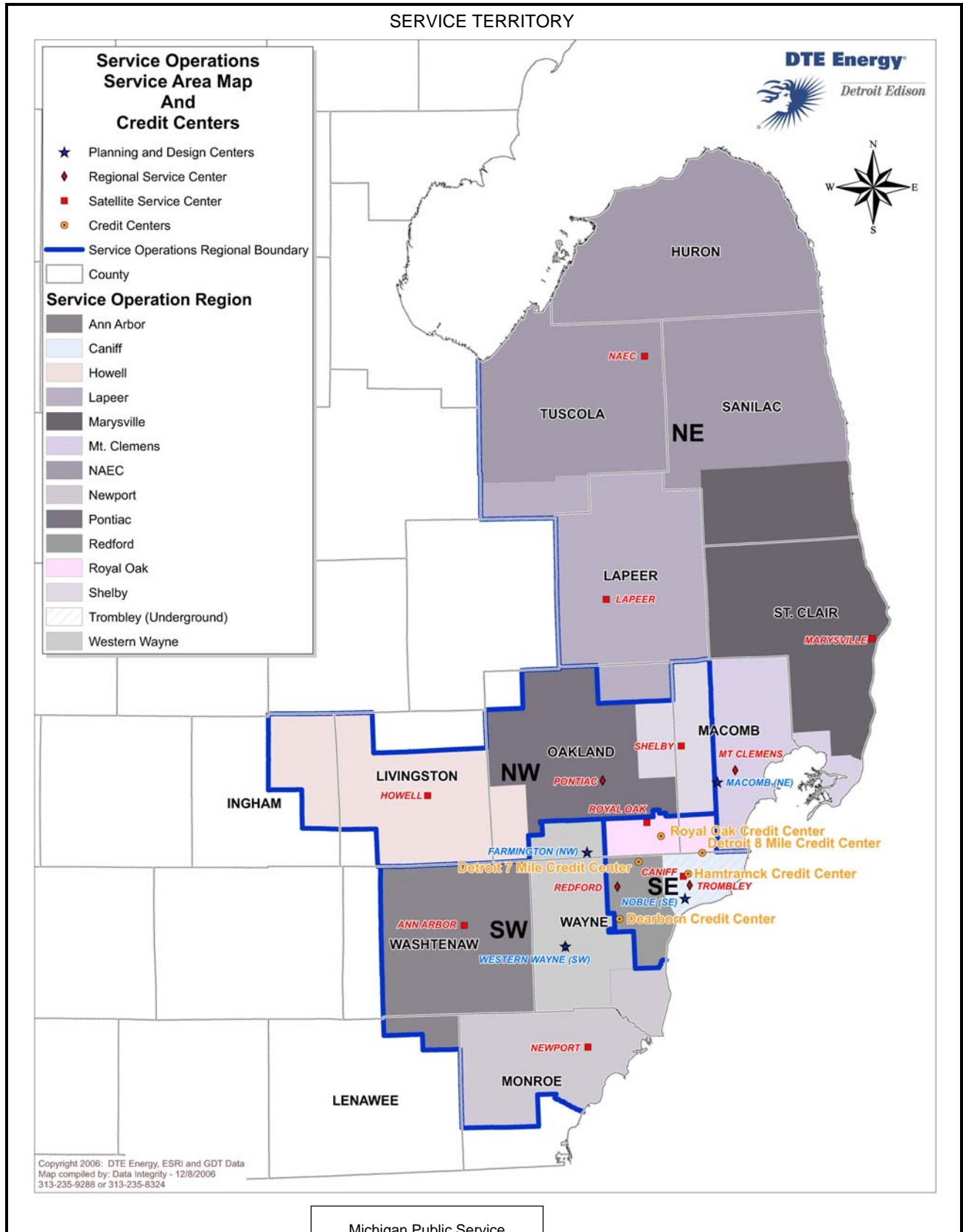
<u>Sheet No.</u>	<u>Sheet Effective Date</u>
<i>Third</i> Revised Sheet No. EC2q	<i>December 18, 2006</i>
<i>Second</i> Revised Sheet No. EC2r	<i>December 18, 2006</i>
<i>Fourth</i> Revised Sheet No. EC2s	<i>December 18, 2006</i>
<i>Second</i> Revised Sheet No. EC2t	<i>December 18, 2006</i>
<i>Second</i> Revised Sheet No. EC2u	<i>December 18, 2006</i>
First Revised Sheet No. EC2v	cancelled April 27, 2002
First Revised Sheet No. EC2w	cancelled April 27, 2002
First Revised Sheet No. EC2x	cancelled April 27, 2002
First Revised Sheet No. EC2y	cancelled April 27, 2002
First Revised Sheet No. EC2z	cancelled April 27, 2002
First Revised Sheet No. EC2aa	cancelled April 27, 2002
<i>Second</i> Revised Sheet No. EC3	<i>cancelled December 18, 2006</i>

ISSUED NOVEMBER 27, 2006
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission
November 27, 2006
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Michigan Public Service
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December 20, 2006

Filed _____

ISSUED DECEMBER 21, 2006
 D. G. BRUDZYNSKI
 VICE PRESIDENT
 REGULATORY AFFAIRS
 DETROIT, MICHIGAN

EFFECTIVE: DECEMBER 21, 2006

ISSUED UNDER AUTHORITY OF THE
 MICHIGAN PUBLIC SERVICE COMMISSION
 DATED MARCH 24, 1981
 IN CASE NO. U-6300

**LIST OF CITIES SERVED
 BY THE DETROIT EDISON COMPANY**

<u>CITY OF</u>	<u>COUNTY OF</u>	<u>CITY OF</u>	<u>COUNTY OF</u>
Algonac	St. Clair	Memphis	Macomb & St. Clair
Allen Park	Wayne	Milan	Washtenaw & Monroe
Ann Arbor	Washtenaw	Monroe	Monroe
Auburn Hills	Oakland	Mt. Clemens	Macomb
Bad Axe	Huron	New Baltimore	Macomb & St. Clair
Belleville	Wayne	Northville	Wayne
Berkley	Oakland	Novi	Oakland
Birmingham	Oakland	Oak Park	Oakland
Bloomfield Hills	Oakland	Orchard Lake	Oakland
Brighton	Livingston	Petersburg	Monroe
Brown City	Sanilac	Pleasant Ridge	Oakland
Center Line	Macomb	Plymouth	Wayne
Clawson	Oakland	Pontiac	Oakland
Dearborn	Wayne	Port Huron	St. Clair
Dearborn Heights	Wayne	Richmond	Macomb
Detroit	Wayne	River Rouge	Wayne
East Detroit	Macomb	Riverview	Wayne
Ecorse	Wayne	Rochester	Oakland
Farmington	Oakland	Rochester Hills	Oakland
Farmington Hills	Oakland	Rockwood	Wayne
Ferndale	Oakland	Romulus	Wayne
Flat Rock	Wayne	Roseville	Macomb
Fraser	Macomb	Royal Oak	Oakland
Garden City	Wayne	Saline	Washtenaw
Gibraltar	Wayne	Sandusky	Sanilac
Grosse Pointe	Wayne	Southfield	Oakland
Grosse Pointe Farms	Wayne	Southgate	Wayne
Grosse Pointe Park	Wayne	South Lyon	Oakland
Grosse Pointe Woods	Wayne	St. Clair	St. Clair
Hamtramck	Wayne	St. Clair Shores	Macomb
Harbor Beach	Huron	Sterling Heights	Macomb
Harper Woods	Wayne	Sylvan Lake	Oakland
Hazel Park	Oakland	Taylor	Wayne
Highland Park	Wayne	Trenton	Wayne
Howell	Livingston	Troy	Oakland
Huntington Woods	Oakland	Utica	Macomb
Imlay City	Lapeer	Vassar	Tuscola
Inkster	Wayne	Walled Lake	Oakland
Keego Harbor	Oakland	Warren	Macomb
Lapeer	Lapeer	Wayne	Wayne
Lathrup Village	Oakland	Westland	Wayne
Lincoln Park	Wayne	Williamston	Ingham
Livonia	Wayne	Wixom	Oakland
Madison Heights	Oakland	Woodhaven	Wayne
Marine City	St. Clair	Yale	St. Clair
Marysville	St. Clair	Ypsilanti	Washtenaw
Melvindale	Wayne		

In addition, the Company serves small areas in the city of Wyandotte.
 A portion of the city of Pontiac is served by Consumers Power Company.

ISSUED JUNE 18, 2004
 M.E. CHAMPLEY
 SENIOR VICE PRESIDENT
 REGULATORY AFFAIRS
 DETROIT, MICHIGAN

MICHIGAN PUBLIC
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JUN 24 2004

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EFFECTIVE: JUNE 18, 2004
 ISSUED UNDER AUTHORITY OF THE
 MICHIGAN PUBLIC SERVICE COMM.
 DATED MARCH 24, 1981
 IN CASE NO. U-6300

**LIST OF VILLAGES SERVED
 BY THE DETROIT EDISON COMPANY**

<u>VILLAGE OF</u>	<u>COUNTY OF</u>	<u>VILLAGE OF</u>	<u>COUNTY OF</u>
Akron	Tuscola	Marlette	Sanilac
Almont	Lapeer	Maybee	Monroe
Applegate	Sanilac	Mayville	Tuscola
Armada	Macomb	Melvin	Sanilac
Barton Hills	Washtenaw	Metamora	Lapeer
Beverly Hills	Oakland	Milford	Oakland
Bingham Farms	Oakland	Millington	Tuscola
Capac	St. Clair	Minden City	Sanilac
Carleton	Monroe	New Haven	Macomb
Caro	Tuscola	North Branch	Lapeer
Carsonville	Sanilac	Ortonville	Oakland
Caseville	Huron	Otter Lake	Lapeer
Cass City	Tuscola	Owendale	Huron
Clarkston	Oakland	Oxford	Oakland
Clifford	Lapeer	Peck	Sanilac
Columbiaville	Lapeer	Pigeon	Huron
Deckerville	Sanilac	Pinckney	Livingston
Dexter	Washtenaw	Port Austin	Huron
Dryden	Lapeer	Port Hope	Huron
Dundee	Monroe	Port Sanilac	Sanilac
Elkton	Huron	Reese	Tuscola
Emmett	St. Clair	Romeo	Macomb
Estral Beach	Monroe	South Rockwood	Monroe
Fairgrove	Tuscola	Ubly	Huron
Forestville	Sanilac	Unionville	Tuscola
Fowlerville	Livingston	Webberville	Ingham
Franklin	Oakland	Wolverine Lake	Oakland
Gagetown	Tuscola		
Grosse Pointe Shores	Wayne & Macomb		
Kinde	Huron		
Kingston	Tuscola		
Lake Angelus	Oakland		
Lake Orion	Oakland		
Leonard	Oakland		
Lexington	Sanilac		

MICHIGAN PUBLIC
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 DATED MARCH 24, 1981
 IN CASE NO. U-6300

**LIST OF TOWNSHIPS SERVED
 BY THE DETROIT EDISON COMPANY**

<u>TOWNSHIP OF</u>	<u>COUNTY OF</u>	<u>TOWNSHIP OF</u>	<u>COUNTY OF</u>
Addison	Oakland	Clyde	St. Clair
Akron	Tuscola	Colfax	Huron
Almer	Tuscola	Columbia	Tuscola
Almont	Lapeer	Columbus	St. Clair
Ann Arbor	Washtenaw	Commerce	Oakland
Arbela	Tuscola	Conway	Livingston
Arcadia	Lapeer	Cottrelville	St. Clair
Argyle	Sanilac	Custer	Sanilac
Armada	Macomb	Dayton	Tuscola
Ash	Monroe	Deerfield	Lapeer
Attica	Lapeer	Delaware	Sanilac
Augusta	Washtenaw	Denmark	Tuscola
Austin	Sanilac	Dexter	Washtenaw
Berlin	Monroe	Dryden	Lapeer
		Dundee	Monroe
Berlin	St. Clair	Dwight	Huron
Bingham	Huron	East China	St. Clair
Bloomfield	Huron	Elba	Lapeer
Bloomfield	Oakland	Elk	Sanilac
Brandon	Oakland	Elkland	Tuscola
Bridgehampton	Sanilac	Ellington	Tuscola
Bridgewater	Washtenaw	Elmer	Sanilac
Brighton	Livingston	Elmwood	Tuscola
Brockway	St. Clair	Emmett	St. Clair
Brookfield	Huron	Evergreen	Sanilac
Brownstone	Wayne	Exeter	Monroe
Bruce	Macomb	Fairgrove	Tuscola
Buel	Sanilac	Fair Haven	Huron
Burlington	Lapeer	Flynn	Sanilac
Burnside	Lapeer	Forester	Sanilac
Burtchville	St. Clair	Fort Gratiot	St. Clair
Canton	Wayne	Freedom	Washtenaw
Casco	St. Clair	Fremont	Sanilac
Caseville	Huron	Fremont	Tuscola
Chandler	Huron	Frenchtown	Monroe
Chesterfield	Macomb	Genoa	Livingston
China	St. Clair	Gilford	Tuscola
Clay	St. Clair	Goodland	Lapeer
Clinton	Lenawee	Gore	Huron
Clinton	Macomb	Grant	Huron

MICHIGAN PUBLIC
 SERVICE COMMISSION

(Continued on Sheet No. A-22.00)

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 IN CASE NO. U-6300

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(Continued From Sheet No. A-21.00)

**LIST OF TOWNSHIPS SERVED
 BY THE DETROIT EDISON COMPANY (Continued)**

<u>TOWNSHIP OF</u>	<u>COUNTY OF</u>	<u>TOWNSHIP OF</u>	<u>COUNTY OF</u>
Grant	St. Clair	Lyon	Oakland
Greenleaf	Sanilac	McKinley	Huron
Green Oak	Livingston	Macomb	Macomb
Greenwood	St. Clair	Macon	Lenawee
Grosse Isle	Wayne	Maple Valley	Sanilac
Groveland	Oakland	Marathon	Lapeer
Hadley	Lapeer	Marion	Livingston
Hamburg	Livingston	Marion	Sanilac
Handy	Livingston	Marlette	Sanilac
Harrison	Macomb	Mayfield	Lapeer
Hartland	Livingston	Meade	Huron
Highland	Oakland	Metamora	Lapeer
Howell	Livingston	Milan	Monroe
Hume	Huron	Millford	Oakland
Huron	Huron	Millington	Tuscola
Huron	Wayne	Minden	Sanilac
Ida	Monroe	Monroe	Monroe
Imlay	Lapeer	Moore	Sanilac
Independence	Oakland	Mussey	St. Clair
Indianfields	Tuscola	North Branch	Lapeer
Iosco	Livingston	Northfield	Washtenaw
Ira	St. Clair	Northville	Wayne
Juniata	Tuscola	Novesta	Tuscola
Kenockee	St. Clair	Novi	Oakland
Kimball	St. Clair	Oakland	Oakland
Kingston	Tuscola	Oceola	Livingston
Koylton	Tuscola	Oliver	Huron
Lake	Huron	Oregon	Lapeer
Lake	Macomb	Orion	Oakland
Lamotte	Sanilac	Oxford	Oakland
Lapeer	Lapeer	Paris	Huron
Lenox	Macomb	Pittsfield	Washtenaw
Leroy	Ingham	Plymouth	Wayne
Lexington	Sanilac	Pointe Aux Barques	Huron
Lima	Washtenaw		
Lincoln	Huron	Port Austin	Huron
Locke	Ingham	Port Huron	St. Clair
Lodi	Washtenaw	Putnam	Livingston
London	Monroe	Raisinville	Monroe
Lynn	St. Clair	Ray	Macomb

(Continued on Sheet No. A-23.00)

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 IN CASE NO. U-6300

(Continued From Sheet No. A-22.00)

**LIST OF TOWNSHIPS SERVED
 BY THE DETROIT EDISON COMPANY (Continued)**

<u>TOWNSHIP OF</u>	<u>COUNTY OF</u>	<u>TOWNSHIP OF</u>	<u>COUNTY OF</u>
Redford	Wayne	Van Buren	Wayne
Rich	Lapeer	Vassar	Tuscola
Richmond	Macomb	Verona	Tuscola
Riley	St. Clair	Wales	St. Clair
Rose	Oakland	Washington	Macomb
Royal Oak	Oakland	Washington	Sanilac
Rubicon	Huron	Waterford	Oakland
Salem	Washtenaw	Watertown	Sanilac
Saline	Washtenaw	Watertown	Tuscola
Sand Beach	Huron	Webster	Washtenaw
Sanilac	Sanilac	Wells	Tuscola
Scio	Washtenaw	West Bloomfield	Oakland
Sebewaing	Huron	Wheatfield	Ingham
Shelby	Macomb	Wheatland	Sanilac
Sheridan	Huron	White Lake	Oakland
Sherman	Huron	White Oak	Ingham
Sigel	Huron	Whiteford	Monroe
Southfield	Oakland	Williamstown	Ingham
Speaker	Sanilac	Winsor	Huron
Springfield	Oakland	Wisner	Tuscola
St. Clair	St. Clair	Worth	Sanilac
Summerfield	Monroe	York	Washtenaw
Sumpter	Wayne	Ypsilanti	Washtenaw
Superior	Washtenaw		
Tuscola	Tuscola		

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JUN 24 2004

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 IN CASE NO. U-6300

**LIST OF COUNTIES SERVED
BY THE DETROIT EDISON COMPANY**

<u>COUNTY</u>	<u>TOTAL NUMBER OF TOWNSHIPS</u>	<u>NUMBER OF TOWNSHIPS SERVED</u>
Huron.....	28	28
Ingham.....	16	5
Lapeer.....	18	18
Lenawee.....	22	2
Livingston.....	16	12
Macomb.....	12	12
Monroe.....	14	9
Oakland.....	23	22
St. Clair.....	21	21
Sanilac.....	26	26
Tuscola.....	23	23
Washtenaw.....	20	16
Wayne.....	10	10
Total	249	204

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ISSUED UNDER AUTHORITY OF THE
MICHIGAN PUBLIC SERVICE COMM.
DATED MARCH 24, 1981
IN CASE NO. U-6300

To reflect changes in Rules governing Consumers Standards and Billing Practices for Residential Service

INDEX TO RULES AND REGULATIONS

CONSUMERS STANDARDS AND BILLING PRACTICES FOR ELECTRIC RESIDENTIAL SERVICE

B-2.0 General Provisions

- Rule 1 R 460.101 Application Of Rules.*
- Rule 2 R 460.102 Definitions.*
- Rule 3 R 460.103 Discrimination Prohibited.*
- Rule 4 R 460.104 Conduct Of Proceedings.*
- Rule 5 R 460.105 Additional Rules.*

B-2.0 Application For Service

- Rule 6 R 460.106 Service requests for new or previous customers.*
- Rule 7 R 460.107 Applicant information.*

B-2.0 Deposits And Guarantee Terms And Conditions

- Rule 8 R 460.108 Prohibited practices.*
- Rule 9 R 460.109 Deposit for new customer.*
- Rule 10 R 460.110 Deposit for a previous customer or for continued service.*
- Rule 11 R 460.111 General deposit conditions.*
- Rule 12 R 460.112 Guarantee terms and conditions.*

B-2.0 Meter Reading Procedures, Meter Accuracy, Meter Errors And Relocation

- Rule 13 Rule 460.113 Actual and estimated meter reading.*
- Rule 14 Rule 460.114 Company representative identification.*
- Rule 15 R 460.115 Customer meter reading.*
- Rule 16 R 460.116 Meter accuracy, meter errors, meter relocation.*

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- Rule 17 R 460.117 Billing frequency; method of delivery.*
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To reflect changes in Rules governing Consumers Standards and Billing Practices for Residential Service

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To reflect changes in Rules governing Consumers Standards and Billing Practices for Residential Service

B2.0 CONSUMERS STANDARDS AND BILLINGS PRACTICES FOR ELECTRICAL RESIDENTIAL SERVICE

Please refer to the "Documents Library" section of the Michigan Public Service Commission web site at: <http://www.michigan.gov/mpsc/>

Or, directly access the Consumer Standards and Billing Practices for Electric and Gas Residential Service rules (R 460.2101 – 460.2199) at:
http://www.state.mi.us/orr/emi/admincode.asp?AdminCode=Single&Admin_Num=46000101&Dpt=&RngHigh=48702110

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RULES AND REGULATIONS

B-2.1 FRANCHISE PROVISIONS

The Company is furnishing electric service under franchises granted to it or its predecessors or assignors by various municipalities and townships in which it is doing business. These franchises provide that the rates and charges for electric service shall not exceed its rates and charges for like service elsewhere in its service area, evidenced by its uniform rate schedules at the time on file with and approved by the Michigan Public Service Commission.

The Company is also exercising all such rights, privileges and franchises as it and its predecessors and assignors have or are entitled to under the statutes of the State of Michigan.

B-2.2 RATE SCHEDULES

All rates and charges are subject to the approval of the Michigan Public Service Commission. Copies of the rate schedule for electric service as filed with and approved by the Michigan Public Service Commission are available at all customer business offices for public inspection during regular business hours.

B-2.3 APPLICATION FOR SERVICE

Customers may apply for electric service by telephone, by mail or at any business office of the Company. Applicants for General Service or Industrial electric service will be required to sign a contract or agreement. However, whether an agreement is signed or not, a customer is subject to the rules and rates of the Company and is responsible for the service used.

Service can normally be re-established to residential, commercial and industrial premises recently supplied, within one full business day from the date of application. However, where new construction is required, additional time will be needed to allow for right-of-way to be obtained, engineering, and the construction of the facility.

Before accepting an application for electric service, the Company reserves the right to request the applicant to present identification at an Edison Office.

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B-2.4 CHOICE OF RATES

In some cases, the customer is eligible to take service under any one of two or more rates. If requested, 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 at hand, 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 is not permitted to change from that rate to another until twelve months have elapsed. Neither will a customer be permitted to evade this rule by the device of temporarily terminating the customer's service.

However, the Company may, at its option, waive this rule 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. As used in this rule, the word rate shall include applicable riders.

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Fourth Revised Sheet No. B2-4

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B-2.5 (1) Alternative Shut-off Protection Program for Eligible Low-Income and Senior Citizen Customers

- (1) As used in Section B-2.5 (2)(B):
 - (A) “Eligible customer” means either a Low-income or Senior citizen customer whose arrearage has not accrued as a result of theft or unauthorized use.
 - (B) “Low-income customer” means a utility customer whose household income is at or below 200% of the Federal Poverty Level (FPL) and provides proof of meeting the eligibility requirement at the time of enrollment.
 - (C) “Senior citizen customer” means a utility customer who is 62 years of age or older and provides proof of meeting the eligibility requirement at the time of enrollment.
- (2) Customers eligible to participate under the Winter Protection Plan, Section B-2.5 (2)(A), will be required to waive their rights to participate under the Winter Protection Plan in order to participate under the Alternative Shut-off Protection Program for Eligible Low-Income and Senior Citizen Customers, Section B-2.5 (2)(B).
- (3) Eligible customers may enroll year-round. Once enrolled, Eligible customers will be required to pay a minimum payment of 10% of the total balance of the amount owing at the time of enrollment and minimum monthly payments that include 1/12 of any remaining arrearage balance plus 1/12 of the estimated annual bill. Reconnection fees will be waived upon initial enrollment. Eligible customers will not be subject to late fees or deposits while enrolled in the program. The Company may elect to offer the customer additional time to resolve the arrearage resulting in an extended payment plan up to 24 months.
- (4) Eligible customers’ electric service will not be shutoff while enrolled in the program. In the event that the customer defaults by failing to pay the required minimum payment of 10% of the total balance owing at the time of enrollment or fails to make two monthly payments, the customer’s participation in the program will be terminated and the customer’s utility service will be subject to shut-off. The customer will remain responsible for the full arrearage and all applicable charges permitted under the tariffs including, but not limited to late fees, deposits and applicable reconnect charges. Customers previously terminated from the program will be permitted to enroll one additional time within any 12 month period if the customer pays 20% of any balance due plus reconnection charges and otherwise meets the requirements of the program.

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(Continued from [Sheet No. B2-4.1](#))

B-2.5(2) DISCONNECTION OF SERVICE (NON-RESIDENTIAL)

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.
- (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 B-4.1 (1).
 - (1) Except as provided in subrule (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.
 - (2) 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 (a), (b), (c), and (d) of this rule.

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B2.5(3) DISCONNECTION OF SERVICE PROHIBITED (Non-Residential)

- (a) The following reasons do not constitute sufficient cause for denial of service to a present or prospective customer:
- (1) Delinquency in payment for service by a previous occupant of the premises to be served.
 - (2) Failure to pay for merchandise purchased from the Company.
 - (3) Failure to pay for a different type or class of Company service.
 - (4) Failure to pay the bill of another customer as guarantor thereof.
- (b) 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 B-4.11 (c) and B-6.14 (l).

B-2.6 EXCEPTIONAL CASES

The usual supply of electric service shall be subject to the provisions of M.P.S.C. No. 9. Where special service-supply conditions or problems arise which are not provided for in these rules, the Company may modify or adapt its supply terms to meet the peculiar requirements of such cases. Any such modification must be a rational expansion of standard provisions herein.

B-2.7 NO PREJUDICE OF RIGHTS

The failure by the Company to enforce any of the terms of M.P.S.C. No. 9 shall not be deemed a waiver of its right to do so.

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B-2.8 COLLECTION, RECONNECTION AND TURN-ON CHARGES

For all customers billed on Residential and General Service rates, where service has been discontinued at the customer's request, a seasonal reconnection charge of \$20.00 will be made to reconnect service to such customer at the same premises within the following 12-month period. If reconnection is requested during other than normal working hours, the above charge will be doubled.

When an employee of the Company is dispatched to call at a customer's premises for the purpose of collecting electric bill(s) that are in arrears, and the electric service was not disconnected, a charge of \$8.00 will be added to the amount in arrears to cover the cost of sending the employee to the customer's premises. This charge will be applied even if the customer is not at home when the employee calls.

A restoration charge of \$20.00 will be made to cover the cost of restoring service that has been discontinued for any breach of the Rules and Regulations by the customer.

Whenever it is necessary to restore service that has been disconnected at a pole, the charge will be \$25.00. If restoration is requested during other than normal working hours, the charge will be \$40.00. For all other rates, actual charges will apply to cover the cost of restoring service that has been disconnected for any breach of the Company's Rules or Regulations by the customer.

B-2.9 INFORMATION ON BILLS

Every bill transmitted by the Company shall state clearly:

- (a) The beginning and ending meter readings of the billing period and the dates thereof.
- (b) A designation of the rate.
- (c) The due date.
- (d) Any previous balance.
- (e) The amount due for energy usage.
- (f) The amount due for other authorized charges.
- (g) The amount of tax.
- (h) The total amount due.
- (i) 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.
- (j) The statement, "Register any inquiry or complaint about this bill prior to the due date."
- (k) The address and telephone number of the Company designating where the customer may initiate any inquiry or complaint regarding the bill as rendered or the service provided by the Company.
- (l) The statement that, "This utility is regulated by the Michigan Public Service Commission, Lansing, Michigan."

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B-2.10 LATE PAYMENT CHARGE

(1) Residential:

See Rule 460.122

(2) *Non-Residential:*

A one-time late payment charge of 2% upon the unpaid balance of any bill rendered for energy use or other approved rates and tariffs outstanding beyond 21 calendar days from the date of physical mailing of the bill will be assessed. This late payment charge will not be applicable to the first late payment of each calendar year, provided that such bill is paid in full on or before the date of physical mailing of the next succeeding billing.

B-2.11

Hold for future use

B-2.12 INSULATION STANDARDS FOR ELECTRIC HEATING RATES:

To qualify for electric heating rates, any new or conversion residential or commercial customer installing electric heat as the primary heat source shall install insulation to meet the following minimum R value, except where it will be impractical in the judgment of the Company.

	<u>R</u> <u>Insulation</u>
Ceiling (*)	35
Sidewall	11
Floors over unheated areas	19
Basement Walls (if used as living area)	11
Slab construction	2" rigid foam around perimeter of slab and extending down vertically or under slab horizontally 24".

(*) This does not apply to mobile homes or structures with cathedral ceilings or flat deck roofs.

The above standards may be waived for residential heating customers using supplemental renewable energy heat sources.

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ON AND AFTER OCTOBER 26, 2007
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE
COMMISSION DATED OCTOBER 26, 2007
IN CASE NO. U-14851

(Continued From [Sheet No. B2-6](#))

This sheet has been cancelled and is reserved for future use.

Michigan Public Service
Commission

(Continued on [Sheet No. B2-8](#))

ISSUED MARCH 11, 2008
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

March 10, 2008

Filed RL

EFFECTIVE FOR SERVICE RENDERED
ON AND AFTER OCTOBER 26, 2007
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE
COMMISSION DATED OCTOBER 26, 2007
IN CASE NO. U-14851

(Continued From [Sheet No. B2-7](#))

B-2.13

Hold for future use

B-2.14 UNCOLLECTIBLES ALLOWANCE RECOVERY FUND

R 460.2621 Uncollectibles allowance recovery fund.

Rule 11. A utility shall establish and administer an uncollectibles allowance recovery fund.

R 460.2622 Annual deposits.

Rule 12. A utility shall annually deposit into its fund the difference between the uncollectible provision as recorded in the utility's financial records for 1999, less the provision as recorded on the utility's financial records in each subsequent fiscal year.

R 460.2623 Notice of deposit.

Rule 13 Not less than 30 days after the close of the utility's fiscal year, the utility shall inform the commission of the amount of money that the utility recorded on its financial records for that year.

R 460.2624 Disputes; procedure for resolution.

Rule 14. A dispute regarding the reasonableness of an amount recorded on a utility's financial record as a provision for its uncollectible expenses or a dispute regarding the accuracy of the amount deposited into a utility's fund shall be resolved by the commission after notice to the utility and an opportunity for the utility and the commission staff to submit comments.

R 460.2625 Disbursement of funds.

Rule 15. An investor-owned utility shall annually disburse money from its fund according to the following formula:

- (a) Twenty-five percent (25%) shall be retained by the utility.
- (b) Seventy-five percent (75%) shall be contributed to the Michigan clean air fund of the department of environmental quality.

(Continued on [Sheet No. B2-9](#))

Michigan Public Service
Commission

March 10, 2008

Filed 

ISSUED MARCH 6, 2008
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR SERVICE RENDERED
ON AND AFTER OCTOBER 26, 2007
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE
COMMISSION DATED OCTOBER 26, 2007
IN CASE NO. U-14851

To reflect changes in Rules governing Consumers Standards and Billing Practices for Residential Service

*Ninth Revised Sheet No. B2-10
Fourth Revised Sheet No. B2-11
Fifth Revised Sheet No. B2-12
Original Sheet No. B2-12a*

These sheets have been cancelled and are reserved for future use.

Michigan Public Service
Commission

March 10, 2008

Filed 

**ISSUED MARCH 6, 2008
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS**

DETROIT, MICHIGAN

**EFFECTIVE FOR SERVICE RENDERED
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UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE
COMMISSION DATED OCTOBER 26, 2007
IN CASE NO. U-14851**

RULES AND REGULATIONS—Continued

B-3.1 CHARACTER OF SERVICE:

The Company furnishes alternating current service at a nominal frequency of 60 hertz, and at 120/240 volts which is suitable for lighting and small single-phase power uses. In certain city districts, alternating current is supplied from a Y connected secondary network at 208Y/120 volts.

For three-phase General Service installations, the Company will provide 208Y/120 volt, three-phase four-wire service. The Company may at its option provide 240/120 volt, three-phase four-wire Delta connected service or 480Y/277 volt, three-phase four-wire Y connected service for the customer's entire requirements. Where service is supplied at 480Y/277 volts, the customer must furnish any transformation for the supply of his 120/240 volt requirements.

For primary (high voltage) service, the Company offers alternating current service at nominal 4,800, 13,200, 24,000, 41,570 or 120,000 volts, as available, at the option of the Company. Customers must provide their own switchgear and necessary transformation equipment and the installation must be compatible with the Company's system. The operation and maintenance of this switchgear and equipment shall be the responsibility of the customer.

Before purchasing equipment or installing wiring, the customer should secure from the Company the characteristics of electric service available.

B-3.2 CONTINUITY OF SERVICE:

The Company agrees to furnish continuous and adequate service subject to interruption by agreement, or upon advance notice or by accident or other causes not under the reasonable control of the Company, and except where limitations or hours for controlled service are shown in the Schedule of Rates. The Company will not be liable for damages caused by an interruption of service, voltage or frequency variations, single-phase supply to three-phase lines, reversal of phase rotation, or carrier-current frequencies imposed by the Company for system operations or equipment control except such as result from the failure of the Company to exercise reasonable care and skill in furnishing the service. Therefore, the customer should install suitable protective equipment if such occurrences might damage his apparatus.

NOTWITHSTANDING ANY OTHER PROVISION OF THESE RULES, THE COMPANY MAY INTERRUPT, CURTAIL, OR SUSPEND ELECTRIC SERVICE TO ALL OR SOME OF ITS CUSTOMERS BY STATUTE OR IN ACCORDANCE WITH THE PROVISIONS OF THE ORDER APPROVED BY THE MICHIGAN PUBLIC SERVICE COMMISSION ON MAY 23, 1975, AND AS AMENDED ON DECEMBER 11, 1979, IN CASE NO. U-4128, OR SUBSEQUENT ORDERS, AND THE COMPANY SHALL BE UNDER NO LIABILITY WITH RESPECT TO ANY SUCH INTERRUPTION, CURTAILMENT, OR SUSPENSION.

M/26b

Issued: August 1987
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
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RULES AND REGULATIONS-Continued

B-3.3 EXTENSION OF SERVICE:

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.

Upon application for new or increased service, the Company will make extensions or alterations of its electric supply facilities under the following conditions, provided that the service applied for will not disturb or impair the service to existing customers.

(1) GENERAL:

- (a) Each installation shall be a separate distinct unit and any further extension therefrom shall have no effect upon any agreement under which previous installations were constructed.
- (b) The Company normally provides overhead construction for its electric supply lines. Underground construction will be provided at the option of the Company for its own convenience, where necessary for public safety and where overhead construction is impractical.
- (c) Where 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. All other costs will be governed by the Company's Overhead Extension Policy.
- (d) Existing rules issued by the Michigan Public Service Commission require that distribution systems in a new residential subdivision and commercial distribution and service lines in the vicinity of or on the customer's property and constructed solely to serve a customer or a group of adjacent customers be placed underground. Commercial distribution specifically includes, but is not limited to, apartment house complexes and shopping centers.
- (e) An exception to the foregoing mandatory requirement for undergrounding may be made, where, in the Company's judgement, any of the following conditions exist:
 1. Such facilities would serve General Service customers having loads of temporary duration; or
 2. Such facilities would serve General Service customers in areas where little aesthetic improvement would be realized if such facilities were placed underground; or
 3. Such facilities would serve General Service 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 served therefrom.

(Continued on next sheet)

M/27

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Energy Marketing and Distribution
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RULES AND REGULATIONS-Continued

B-3.3 (cont'd)

- (f) Refunds of refundable construction advances will be made without interest for a period of five (5) years after completion of the line extension. Refunds will not be made until the original customer(s) estimated revenues are exceeded by actual revenues as a result of the line extension. All line extensions will be reviewed yearly for refunds. The Company shall have no further obligation to refund the remaining portion of the construction advance. Any unrefunded construction advance will be considered a non-refundable contribution in aid of construction.
- (g) The Company reserves the right to make special contractual arrangements as to the provision of necessary service facilities, duration of contract, customer advances for construction, contributions in aid of construction, deposits, amounts of refunds, minimum bills, service charges or other service conditions. This applies to existing customers and prospective customers whose load requirements exceed the capacity of the available system in the area or whose load characteristics or special service needs require unusual or additional investments by the Company or where there is not sufficient assurance of the permanence of the use of the service.
- (h) The Company will construct electric distribution facilities and extensions only in the event that it is able to obtain or use the necessary materials, equipment and supplies. Subject to the review by the Michigan Public Service Commission, the Company reserves the right to allocate the use of such materials, equipment and supplies as it may have on hand from time to time among the various customers and prospective customers of the same class.
- (i) If temporary overhead or underground facilities are required, Rule B-3.6 (1) "Temporary Service," shall apply.
- (j) Except where specifically stated otherwise, line 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.
- (k) Prior to commencement of construction, the applicant shall make a refundable construction advance based on the Company's overhead extension policy, plus a non-refundable contribution in aid of construction as required by the underground extension rules when applicable. Refunds will be based on the overhead extension refund policy and shall apply only to that portion related to the refundable construction advance.
- (l) When a primary extension to serve an applicant or group of applicants must cross adjacent land on which underground construction is required by the property owner (such as on State or Federal lands) the applicant(s) shall make a non-refundable contribution in aid of construction equal to the estimated difference

(Continued on next sheet)

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RULES AND REGULATIONS-Continued

B-3.3 (cont'd)

in cost between the underground and equivalent overhead facilities. The Company may establish a per foot charge to be considered the difference in cost. Such charge shall be adjusted from time to time to reflect the Company's actual construction cost experience.

- (m) The applicant shall furnish without cost to the Company, all necessary rights-of-way and line clearance permits in a form satisfactory to the Company. 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). If the applicant is unable to secure satisfactory easements and/or permits, the Company shall extend its facilities along an alternate route selected by the Company. The applicant will be required to make a non-refundable contribution in aid of construction for all additional costs incurred.
- (n) 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, starting construction, and/or, in the case of mobile homes, meeting the Company's requirements for permanency.
- (o) The Company reserves the right to make the 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 make a non-refundable contribution in aid of construction to the Company for such excess costs.

(2) CUSTOMERS ON RATES D1 AND D2

(a) Overhead Extension Policy:

Application for electric service which requires the construction of an extension to the Overhead System will be granted under the following conditions;

1. Standard Allowance:

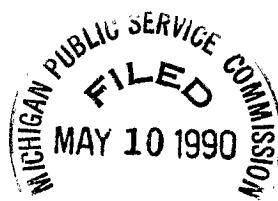
For each residence, the Company will construct single-phase distribution line extensions at its own cost a distance of 600 feet, of which no more than 250 feet will be on private property (lateral extension).

(Continued on next sheet)

M/29

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RULES AND REGULATIONS—Continued

B-3.3 (cont'd)

If the distribution line is constructed such that it can be available to serve only two premises (joint lot line construction), such extension shall be considered as a lateral extension, and the customer(s) requesting service shall each be granted up to 250 feet of free footage. For purposes of this policy, secondary voltage distribution lines shall not be considered as a line extension.

2. Charges:

Single phase overhead line extensions in excess of the above footage will require a refundable construction advance of \$6.50 per foot, measured from pole to pole, plus a non-refundable contribution for the estimated line clearance cost for such excess footage. There may also be a non-refundable contribution in aid of construction equal to the cost of securing right of way. Three-phase extensions will be on the same basis as Commercial and Industrial.

3. Measurement:

The length of any 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 point of connection with the service drop.

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 a non-refundable contribution in aid of construction for the extra cost resulting from the special routing.

4. Refunds:

During the five (5) year period immediately following the date the line extension is completed, the Company will make refunds of the refundable construction advance paid for a financed extension under provisions of Paragraph (2) above. The amount of any such refund shall be equal to two (2) times the estimated average annual revenue or \$500 (whichever is greater) for each additional standard allowance customer subsequently connected directly to the facilities financed by the original customer. Directly connected residential customers are those which do not require the construction of more than 600 ft. of single phase line extension or 250 feet on private property. Directly connected commercial or industrial customers are those which do not require payment of a refundable construction advance. Such refunds will be made only to the original customer and will not include any amount of non-refundable contribution in aid of construction for underground service made under the provisions of the Company's underground service policy. The refund shall not exceed the total refundable construction advance. The refundable construction advance shall not bear interest.

(Continued on next sheet)

M/30

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RULES AND REGULATIONS—Continued

B-3.3 (cont)

(b) Underground Extension Policy:

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.

1. Charges:

Prior to commencement of construction, the applicant shall make a non-refundable contribution in aid of construction equal to the difference between the estimated overhead construction costs and the estimated underground construction costs, plus a refundable construction advance based on the Company's overhead extension policy, which provides for a standard allowance of 600 feet of which no more than 250 feet will be on private property. Underground services will be installed as indicated in Rule B-3.5.

2. Refunds:

Refunds will be based on the overhead extension refund policy and shall apply only to that portion related to the refundable construction advance.

(3) CUSTOMERS ON RATES OTHER THAN D1 OR D2:

(a) Standard Allowance:

Except for non-refundable contribution in aid of construction for underground service made under the provisions of Rules B-3.4 and B-3.5, the Company will finance the construction cost necessary to extend its facilities to serve commercial or industrial customers when such investment does not exceed two (2) times the estimated 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 two (2) times the estimated annual revenue as defined in Paragraph (a), the applicant shall be required to make a refundable construction advance for the entire amount of the excess construction costs.

(c) Refunds:

During the five (5) year period immediately following the date the line extension is completed, the Company will make refunds of the refundable construction advance paid for a financed line extension. The total refund shall not exceed the total refundable construction advance. The refundable construction advance shall not bear interest. Such refunds shall be computed as follows:

(Continued on next sheet)

M/31

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RULES AND REGULATIONS—Continued

B-3.3 (cont)

1. Original Customer - At the end of the first complete 12-month period immediately following the date of completion of the line extension, the Company will compute two (2) times the actual revenue provided by the original customer in the 12-month period. Any amount by which twice the actual annual revenue exceeds the Company's initial estimated revenue will be made available for refund to the original customer.
2. Additional New Customers - Refunds for additional new customers directly connected to the financed extension during the refund period will be made as follows:

The amount of any such refund shall be equal to two (2) times the actual annual revenue or \$500 (whichever is greater) for each standard allowance customer subsequently connected directly to the facilities financed by the original customer. Directly connected residential customers are those which do not require the construction of more than 600 feet of single phase line extension or 250 feet on private property. Directly connected commercial and industrial customers are those which do not require payment of a refundable construction advance. Refunds will not be made until the original customer(s) estimated revenues are exceeded by actual revenues as a result of the line extension.

B-3.4 UNDERGROUND DISTRIBUTION SYSTEMS:

This portion of the rules provides for the extension and/or replacement of underground electric distribution facilities.

(1) GENERAL

- (a) Existing rules issued by the Michigan Public Service Commission require that distribution systems in a new residential subdivision and commercial distribution and service lines in the vicinity of or on the customer's property and constructed solely to serve a customer or a group of adjacent customers be placed underground. Commercial distribution specifically includes, but is not limited to, apartment house complexes and shopping centers.
- (b) An exception to the foregoing mandatory requirement for undergrounding may be made, where, in the Company's judgment, any of the following conditions exist:
 1. Such facilities would serve General Service customers having loads of temporary duration; or
 2. Such facilities would serve General Service customers in areas where little aesthetic improvement would be realized if such facilities were placed underground; or
 3. Such facilities would serve General Service customers in areas where it is impractical to design and place such facilities underground because of uncertainty the size and character of the loads to be served therefrom.

(Continued on next sheet)

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RULES AND REGULATIONS-Continued

B-3.4 (cont)

- (c) Residential subdivisions and other areas where commercial distribution and service lines are constructed solely to serve a customer or a group of adjacent customers, as covered by the rules of the Michigan Public Service Commission requiring mandatory undergrounding of electric distribution facilities, shall be designated underground districts. In addition, those areas where the owner has requested underground service shall also be designated as underground districts. The Company may designate portions of existing subdivisions as underground districts where, in the Company's opinion, such designation would be desirable for aesthetic or technical reasons. All future applicants for service in the underground districts are subject to the applicable provisions of these rules.
- (d) 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 specific conditions in this Rule.
- (e) 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.
- (f) The Company will not undertake the replacement of existing overhead lines and above-surface equipment with underground installations or provide underground installations for transmission lines, subtransmission lines, distribution feeders and above-surface electric equipment associated with switching stations except where agreements for reimbursement are made in accordance with MPSC R-460.516, "Replacement of Existing Overhead Facilities," Rule 6.
- (g) The Company will furnish, install, own and maintain the entire underground electric distribution system including the pre-meter portion of the service lateral cable. Generally, the trenches 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.
- (h) 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 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 of cable.

(Continued on next sheet)

M/33

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RULES AND REGULATIONS-Continued

B-3.4 (cont)

- ✓ (i) The developer or owner 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.
- (j) The developer or owner must provide for grading the easement to finished grade and for clearing the easement of trees, large stumps and other 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.
- (k) The developer or owner will be responsible for all costs of relocating Company facilities to accommodate changes in grade or other changes after the 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, or other changes.
- (l) The general policy of the Company is that real estate developers, property owners or other applicants for underground service shall make a non-refundable contribution in aid of construction to the Company in an amount equal to the estimated difference in cost between underground and equivalent overhead facilities. 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.
- (m) 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, patios, roadway crossings or other paved areas, the applicant(s) shall make a non-refundable contribution in aid of 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 stated in this Rule for the type of service involved. The Company reserves the right to refuse to place its facilities under road or railroad rights-of-way or waterways in cases where, in the Company's judgment, such construction is impractical.
- (n) In the Lower Peninsula, an additional non-refundable contribution in aid of construction of \$1.00 per trench foot shall be added to trenching charges for practical difficulties associated with winter construction in the period from December 15 to March 31 inclusive. This charge will not apply to jobs which are ready for construction and for which the construction meeting has been held prior to November 1.

(Continued on next sheet)

M/34

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RULES AND REGULATIONS—Continued

B-3.4 (cont'd)

(2) DISTRIBUTION FOR RESIDENTIAL SUBDIVISIONS:

(a) GENERAL:

1. Distribution facilities in all new residential subdivisions and existing 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.
2. 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.
3. For purposes of definition, all one-family and two-family buildings on individual lots are residential.
4. 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.
5. Where sewer lines will parallel Company cables, taps must be extended into each lot for a distance of one (1) foot beyond the easement prior to installation of the cables.

(b) Charges:

Prior to commencement of construction, the owner or developer will pay to the Company an amount equal to the estimated cost of construction of the distribution system, but not less than the non-refundable contribution in aid of construction determined by multiplying the sum of the lot front footage for all lots in the subdivision by \$3.00, except for those lots served by an underground service from an overhead distribution line as previously stated in this rule.

(c) Refunds:

The balance of the charges (refundable construction advance) shall be made available to the developer or owner on the following basis:

During the five (5) year period immediately following completion of the distribution construction, the Company will refund two (2) times the estimated average annual revenue or \$500 (whichever is greater) for each permanent residential customer connected within the subdivision. Such refunds will be made only to the original developer or owner and in total shall not exceed the refundable construction advance. The refundable construction advance shall bear no interest.

(Continued on next sheet)

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RULES AND REGULATIONS-Continued

B-3.4 (cont'd)

(d) Measurement:

The front foot measurement of each lot to be served by a residential underground distribution system will 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 dimension will 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 will 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.

(e) Service Laterals:

The Company will install, own, operate and maintain an underground service lateral as defined in Rule B-3.5.

(f) 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.

1. Charge:

Prior to commencement of construction the applicant shall make a non-refundable contribution in aid of construction in an amount equal to \$3.00 per lot front 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. All subsequent applicant(s) for service on these lots shall be required to make a non-refundable contribution in aid of construction in the amount of \$3.00 per lot front foot for all lots owned by the subsequent applicant(s) which can be directly served from the original distribution extension.

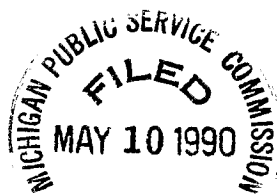
2. Refunds:

The Company will refund to the original applicant the amounts contributed in aid of construction by subsequent applicants as provided in Paragraph 1 above. The total amount refunded shall not exceed the amount of the original contribution, and will be made only to the original applicant. The Company will endeavor to maintain records for such purposes but the original applicant is ultimately responsible to duly notify the Company of refunds due; any refund not claimed within five (5) years after the date of completion of distribution constructions shall be forfeited. Refunds made under the provisions of this paragraph shall be in addition to refunds made under the Company's overhead line extension policy.

(Continued on next sheet)

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RULES AND REGULATIONS—Continued

B-3.4 (cont'd)

3. Measurement:

The lot front footage used in computing charges and contributions in Paragraph 1 above shall be measured the same as for new subdivisions.

4. Service Laterals:

The Company will install, own, operate and maintain an underground service lateral as defined in Rule B-3.5.

(3) DISTRIBUTION FOR MOBILE HOME PARKS:

(a) GENERAL:

1. For purposes of this rule, the definition of a mobile home park is a parcel or tract of land under the control of a person(s) upon which three or more mobile homes are located on a continual non-recreational basis not intended for use as a temporary trailer park.
2. 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.
3. This service is limited to mobile home parks in which the service is metered by the Company at secondary voltage.
4. 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 cable requires digging in the easement.
5. The park owner must provide for each mobile home lot a meter pedestal of a design acceptable to the Company.

(b) Charges:

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

1. Prior to commencement of construction, the owner or developer will pay to the Company an amount equal to the estimated cost of construction of the distribution system, but not less than the non-refundable contribution in aid of construction determined by multiplying the sum of the lot front footage for all lots in the park by \$3.00, except for those lots served by an underground service from an overhead distribution line as previously stated in this rule.

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Energy Marketing and Distribution
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RULES AND REGULATIONS—Continued

B-3.4 (cont'd)

2. Service Loops or Laterals - The Company will install, own, operate and maintain an underground service lateral as defined in Rule B-3.5.
3. Transformers - \$7.50 per kVA, for the total nameplate kVA installed.

(c) Measurements:

The lot front footage used in computing charges and contributions shall be measured the same as for new subdivisions.

(4) DISTRIBUTION FOR CONDOMINIUMS AND APARTMENT HOUSE COMPLEXES:

- (a) This service is limited to multiple occupancy buildings in which service is metered by the Company at secondary voltage. These include, but are not limited to, low-rise apartments, townhouses, condominiums and cluster housing where space is available for pad-mounted transformers and other above-grade equipment and the area is suitable for the direct burial installation of cable. Where the developer and/or the Company are concerned that the easement area could be developed with patios, etc., special facilities such as conduit may be required to allow the Company to maintain the system. If special facilities are required, the developer will be responsible for providing them.

(b) Charges:

1. Primary and Secondary - The owner will pay to the Company, prior to construction, a non-refundable contribution in aid of construction arrived at by multiplying the total length of trench feet required for distribution facilities by \$4.30 plus \$7.50 per kVA (nameplate) of transformer capacity to be installed.
2. Service Laterals - The Company will install, own, operate and maintain an underground service lateral as defined in Rule B-3.5.

(5) DISTRIBUTION FOR COMMERCIAL AND INDUSTRIAL SUBDIVISIONS:

The Company will install underground facilities to serve 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:

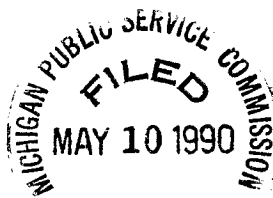
(a) GENERAL:

1. Where overhead lines are allowed by MPSC Rules for a specific installation and are objected to by a person or municipality, the Company, where feasible, will honor a request or directive that such lines be constructed underground. The objecting party shall be responsible for the payment of the additional cost of the underground facilities.
2. 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.

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RULES AND REGULATIONS—Continued

B-3.4 (cont'd)

3. 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.

(b) Charges:

1. Distribution System - For standard installation of distribution facilities, the applicant(s) shall make a non-refundable contribution in aid of construction in the amount equal to the total length in feet multiplied by \$4.30.
2. Transformers - Transformers will be charged on an installed basis of \$7.50 per kVA.
3. Service Laterals - The Company will install, own, operate and maintain an underground service lateral as defined in Rule B-3.5.

(c) Measurement:

1. "Trench length" shall be determined by measuring along the centerline of the trench.

Primary and Secondary Extensions shall be measured along the route of the primary and secondary cable from the transition pole to each transformer or other termination. No additional charge will be made for secondary or service cable laid in the same trench with primary cable.

B-3.5 UNDERGROUND SERVICE CONNECTIONS:

The Company will install, own, operate and maintain underground service connections in cooperation with the developer or owner, evidenced by a separate signed agreement, subject to the following charges:

(1) RESIDENTIAL IN AND OUTSIDE SUBDIVISIONS AND MOBILE HOME PARKS:

The applicant shall make a non-refundable contribution in aid of construction for a standard 2/0 aluminum service in the amount equal to the product of the trench length in feet multiplied by \$3.90. When required, larger services will be provided, and the additional cost will be included in the non-refundable contribution in aid of construction.

(2) APARTMENT HOUSE COMPLEXES AND CONDOMINIUMS:

The applicant shall make a non-refundable contribution in aid of construction in the amount equal to the product of the trench length in feet multiplied by \$4.30.

No charge will be made for service laterals laid in the same trench with primary or secondary cables.

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RULES AND REGULATIONS-Continued

B-3.5 (Cont.d)

(3) COMMERCIAL AND INDUSTRIAL:

The developer or owner must provide suitable space and provide trenching, backfilling and conduits acceptable to the Company for installation of service cables on his property.

(a) Outdoor Pad-Mounted Installation:

1. The Company will furnish, install, own and maintain the pre-meter portion of the individual service lateral between the distribution facilities and self-contained meter locations.
2. When a commercial or industrial building is divided in such a manner as to require several self contained meter locations (as described above), the owner shall be required to make provisions for a common pre-meter feed either by grouping meters in a manner and location acceptable to the Company, or by installing a Company approved secondary connection cabinet at a Company approved location. The owner shall install one (1) 4" conduit for every 400 amps or part thereof of capacity, based on the rating of the secondary connection cabinet, plus one (1) additional 4" conduit for each secondary connection cabinet. The Company will furnish, install in the customers conduits, own and maintain an appropriately sized lateral from the Company's distribution facilities to the agreed upon common point regardless of cable size or number of sets. Service laterals installed in this manner must be coordinated with and approved by the Company prior to installation of the conduit and other equipment.

Changes to the configuration, size and number of self-contained meter locations or any proposed load additions to existing secondary connection cabinet installations must be coordinated with the Company. Combining of self-contained meters into one current transformer installation may be accommodated in specific instances where the service lateral cables and the secondary connection cabinet ratings are not exceeded. These combinations and changes must be approved on an individual basis. If the combination/change cannot be made, the service will be provided as indicated in four (4) below.

3. Where service laterals are installed by the Company as in 1 and 2 above, the owner or developer will pay to the Company an amount arrived at by multiplying the horizontal length of the service lateral in feet by \$10.00.
4. Where service laterals are required for situations not covered in 1 and 2 above, the customer will furnish and install the service lateral in a manner suitable to the Company. The Company will make connection of the customer furnished lateral to its distribution system.

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RULES AND REGULATIONS—Continued

B-3.5 (cont'd)

(b) Indoor Transformer Installations;

Service can be furnished with Company-owned transformers at remote locations fed from customer-owned primary cables in the building. The transformers will be installed by the customer. The cables will be furnished, installed, owned and maintained by the customer and will be terminated in primary switching equipment located near the service entrance point of the building. The Company will furnish, install, own and maintain the entire underground electric distribution system from the property line to and including the primary switch equipment. The customer will furnish, install, own and maintain the secondary cable between the transformer secondary terminals and the tenant meter location. The meters must be grouped and installed in a manner acceptable to the Company. The load at each transformer location must be sufficient to justify the use of one standard Company transformer or multiples thereof. Standard Company transformer sizes and secondary voltages for this application are: 167 kVA single-phase 120/240 V, 300 kVA three-phase 208Y/120 V and 300 kVA three-phase 480Y/277 V. Fuse cabinets and associated equipment will be furnished, owned and maintained by the Company at each transformer location. The fuse cabinets and associated equipment will be paid for and installed by the customer. The transformer locations must be suitable for the installation of dry type transformers and must be accessible for operation and maintenance. The installations must be approved by the Company and must meet code requirements.

Suitable access and means shall be provided for transformer, fuse cabinet and associated equipment replacement. The customer shall be responsible for all damages and personal liability arising out of or in connection with the installation of the Company's transformers, fuse cabinets and associated equipment and shall also take reasonable steps to prevent damage to the transformers, fuse cabinets and associated equipment when they are installed on his property.

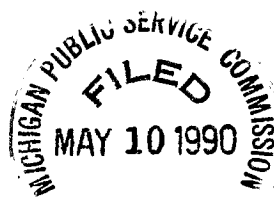
The owner will pay the following charges to the Company:

1. \$4.30 per trench foot of cable on private property between the primary switching equipment and the property lines nearest the point of connection to the Edison distribution system—plus any other Company charges for unusual conditions.
2. The installed cost of the primary switchgear.
3. \$15 per kVA for all dry type transformers and \$7.50 per kVA for pad-mount transformer.
4. The delivered cost of the fuse cabinet and associated equipment.
5. The developer or owner must provide suitable space and necessary foundations for pad-mounted transformer and the primary switchgear, etc., and he must provide for any trenching, conduit, or manholes acceptable to the Company.

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RULES AND REGULATIONS—Continued

B-3.5 (cont'd)

(c) Metered Primary Voltage:

For underground primary (high voltage) services, the Company will extend its conduit to the property line. The customer will pay for the underground overhead cost differential for that portion of the off-site facilities that may be required to serve the customer. That part of the service connection on private property inside the property line will be owned and maintained by the customer. The design, construction and material for high voltage service shall be acceptable to the Company. In the case of commercial and industrial subdivisions, the costs, requirements, and agreements between the developer or owner and the Company will be set forth in Distribution for Commercial Subdivisions.

Subtransmission underground cables feeding Company-owned substations on private property will be furnished and maintained by the Company. The customer will provide trenching and install and maintain the conduit and manholes for these cables.

(d) Measurement:

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 or conduit 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 cables.

B-3.6 MISCELLANEOUS CUSTOMER REQUESTS:

(1) TEMPORARY SERVICE:

(a) The Company will furnish temporary service including a line extension, service connection and a transformer, as required. The applicant for the service shall pay the total cost including overheads of furnishing, installing and removing such temporary service equipment in excess of any salvage realized, in addition to charges for electric service rendered. The charges for electric service will be billed to the applicant at the applicable metered rate. When the applicant requires the installation of a transformer, the monthly charge for electric service render will not be less than the following:

1. 48¢ per kVA of installed transformer capacity for the first 10kVA.
2. 12¢ per kVA of installed transformer capacity in excess of 10kVA.

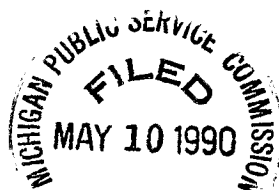
(b) The contract is an open order, terminable on three days written notice by either the applicant or the Company.

(c) When an unauthorized connection has been made which provides unmetered service to the customer, the Company shall charge the total cost including overheads as stated above for the "Temporary Service Connection," plus an amount to cover the Company's estimation of kilowatthour usage at the applicable rate.

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RULES AND REGULATIONS—Continued

B-3.6 (cont'd)

(2) MOVING OF BUILDINGS OR EQUIPMENT:

(a) When the Company is requested to assist in the moving of buildings or equipment through, under or over the Company's lines, the Company will require the mover to pay, in advance of providing such assistance, the estimated cost including direct costs and applicable overhead costs. The amount of the contribution required will be based upon the Company's estimate of the probable cost, but in no event will the required contribution be less than one crew hour. 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 contribution, except that the minimum actual cost will not be less than one crew hour. In the event that the move is cancelled, or changed to require a re-study, twenty percent (20%) of the charge will be retained by the Company as a non-refundable amount to cover preparing for and planning the move. If the building mover proceeds with the move without an Edison escort, the total charge will be retained by the Company as a non-refundable amount to cover preparing for and planning the move plus a post move patrol of the route to identify any damages to the system cause by the mover. The building mover is also responsible to make payment for all work required to repair damages resulting from the move. Actual costs will be determined in a accordance with the following:

(b) Within regular working hours:

1. Average trade-grade wage rate applicable to employe(s) involved.
2. Actual material used.
3. Appropriate overhead charges.

(c) Outside regular working hours:

1. Overtime trade-grade rate applicable to employe(s) involved.
2. Actual materials used.
3. Appropriate overhead charges.

(3) 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 overhead or underground facilities are located within the confines of the public right-of-way, the Company will make the necessary relocation at its own expense except when:

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RULES AND REGULATIONS-Continued

B-3.6 (cont'd)

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 are within the confines of a new public right-of-way obtained after the construction of the Company's facilities.
 3. The facilities provide public service such as lighting, traffic signals, etc.
- (c) If the Company's overhead or underground facilities are located on private property, the political subdivision must agree in advance to reimburse the Company for all expenses including overheads involved in relocating its facilities.
- (d) When the Company is requested to relocate its facilities for reasons other than road improvements, payment may be required for the relocation from the firm, person or persons requesting the relocation. Before actual relocation work is performed, the Company will estimate the cost of moving the facilities and an advance nonrefundable contribution in aid of construction in the amount of the estimate must be received from the firm, person or persons requesting such relocation. A contribution in aid of construction will not be required in instances where:
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.

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RULES AND REGULATIONS-Continued

B-3.7 EMERGENCY ELECTRICAL PROCEDURES:

1. GENERAL:

Emergency electrical procedures may be necessary if there is a shortage in the electrical energy supply to meet the demands of customers in the electrical service areas of Consumers Power Company and The Detroit Edison Company (the "Consumers-Edison Area"). It is recognized that such deficiencies can be short-term (less than one week) or long-term (one week or more) in duration and, in view of the difference in the nature between short-term and long-term deficiencies, different and appropriate procedures shall be adopted for each.

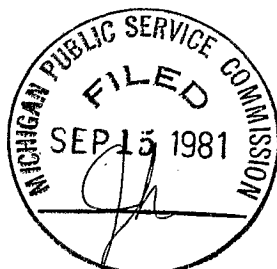
Consumers Power and Detroit Edison shall promptly advise the Commission of the nature, time and duration of all implemented emergency conditions and procedures which affect normal service to customers. The Commission may order the implementation of additional procedures or the termination of the procedures previously employed when circumstances so require.

A. The following health and safety customers given special consideration in these procedures shall be subject to curtailments under Sections 3 A(6), A(9), A(11), B(2)(b), B(2)(e), B(2)(g), C(2)(b), C(3)(c) and C(4)(b) of up to a maximum of 15%, unless it can be demonstrated by the customer to the serving utility that such a curtailment would result in a discontinuation of essential services:

- (1) Uses essential for the operation of any facility known to be necessary for the support of life, such as hospitals, kidney machines, iron lungs, and other life-support systems.
- (2) Uses required for fire, police, prison, and custodial, and essential street and highway lighting services.
- (3) Refrigeration for the storage and preservation of perishable food or medicine, when that is substantially all the customer's load.
- (4) Operation, guidance control, and navigation services for public transportation and shipping, including rail, mass transit, licensed commercial air transportation, and other forms of transportation.
- (5) Communication services, including telephone and telegraph systems, television and radio stations, newspapers and traffic control and signal systems.
- (6) Water supply and sanitation services, including waterworks, pumping and sewage disposal activities which cannot be reduced without seriously affecting public health.
- (7) Federal activities essential for national defense and state and local activities essential for providing emergency services.
- (8) Uses necessary for the manufacture, directly or as a by-product, the transmission or the distribution of natural or manufactured gas or fuel.

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RULES AND REGULATIONS-Continued

B-3.7 (cont'd.)

- (9) Uses necessary for the mining and transportation of coal.
- (10) Uses necessary for the production, refining, transmission or distribution of oil and gas for fuel.
- (11) Essential construction, operation, and maintenance activities for energy production and supply.

Although these types of customers will be given special consideration from the curtailment provisions of this plan, they should install emergency generation equipment if continuity of service is essential. All customers who, in their opinion, have critical equipment, should install emergency battery or portable generating equipment.

As may be appropriate in accordance with the nature of the occurring or anticipated emergency, Consumers Power and Detroit Edison shall initiate the following procedures:

2. SHORT-TERM CAPACITY SHORTAGES:

A. SUDDEN OR UNANTICIPATED SHORT-TERM CAPACITY SHORTAGES IN THE CONSUMERS-EDISON AREA.

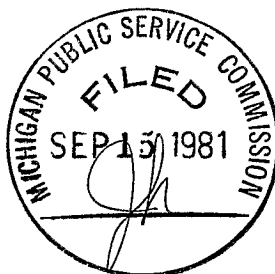
In the event of a major power system disturbance which results in an area being seriously deficient in generation, this procedure sheds load to restore a load-generation balance.

There are two situations which require different procedures to respond to the system conditions:

- (1) In the event of a sudden decline of the frequency on the ECAR system or a sudden breakup which isolates all or parts of the Consumers-Edison Area from other electric systems with which it is interconnected and which results in the area so isolated being deficient in electric generation, with consequent rapid decline in frequency:
 - (a) Automatic load shedding will take place if the decline in frequency is of a magnitude such as to jeopardize the entire Consumers-Edison Area. Ten percent of the area load will be shed automatically at a frequency of 59.3 hertz, followed by an additional fifteen percent of the area load at a frequency of 58.9 hertz as set forth in ECAR Document No. 3 dated October 31, 1968 and as subsequently revised.
 - (i) Service so interrupted shall be certain substations and lines serving customers throughout the Consumers-Edison Area. Such interruptions shall be, where practicable, for short periods of time.

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RULES AND REGULATIONS-Continued

B-3.7 (cont'd.)

(b) If necessary to resynchronize the isolated area or to curtail the decline in frequency, the following steps will be taken in the appropriate order:

(i) Service will be interrupted to controlled service loads and to loads serviced under interruptible tariffs and emergency load management tariff provisions.

(ii) Voltage will be reduced not more than six percent.

(iii) As a measure of last resort, manual load shedding of firm customer loads will be instituted as necessary to maintain the integrity of the system.

(2) In the event of a sudden generation deficiency in an area which causes the interconnection loadings to exceed their emergency ratings, manual actions must be instituted immediately to achieve an acceptable load-generation balance.

(a) The following steps will be taken in the order appropriate to the situation:

(i) Service will be interrupted to controlled service loads and to loads served under interruptible tariffs and emergency load management tariff provisions.

(ii) Voltage will be reduced not more than six percent.

(iii) As a measure of last resort, manual load shedding of firm customer loads will be instituted as necessary to maintain the integrity of the system.

B. ANTICIPATED OR PREDICTABLE SHORT-TERM CAPACITY SHORTAGES IN THE CONSUMERS-EDISON AREA.

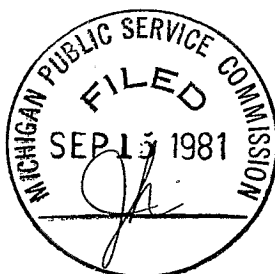
When the daily projection indicates that the operating reserve requirement (ECAR) of 6% for the peak hour cannot be met, Consumers Power and Detroit Edison shall advise the Commission Staff by telephone.

In the event an emergency condition of short-term duration is anticipated or predicted which cannot be relieved by sources of generation within or outside the Consumers-Edison Area, the following steps will be taken at the appropriate time in the order appropriate to the situation.

(1) The internal demand of generating plants and other premises owned by Consumers Power and Detroit Edison will be reduced to the largest extent consistent with the maintenance of service.

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RULES AND REGULATIONS-Continued

B-3.7 (cont'd.)

- (2) Service will be interrupted to controlled service loads and to loads serviced under interruptible tariffs and emergency load management tariff provisions.
- (3) The public shall be advised through appropriate media sources of the implementation of these procedures when any of the subsequent steps are taken.
- (4) Voltage will be reduced not more than six percent.
- (5) Voluntary load reductions will be requested of large commercial and industrial customers with an electric demand of 500 kW* or greater by procedures established in their respective short-term load management plans.
- (6) Voluntary load reductions will be requested of all other customers through appropriate media appeals.

In the event the foregoing steps are insufficient to relieve an anticipated or predicted emergency condition of short-term duration, the following steps will be taken:

- (7) All customers will be requested, through appropriate media sources to reduce load to the maximum extent possible during the hours of the anticipated shortage. Selected large industrial and commercial customers will be contacted directly.
- (8) If time permits, the Governor will be requested to exercise any authority at his disposal to alleviate the emergency condition.
- (9) As a measure of last resort, manual load shedding of firm customer loads will be initiated as necessary to maintain the integrity of the system.

3. LONG-TERM CAPACITY OR FUEL SHORTAGES:

The following actions shall be implemented until it is determined by Consumers Power and Detroit Edison that any or all actions may be terminated. The termination of conservation dispatch and the implementation and termination of any mandatory curtailment procedures shall be effected only after consultation with the MPSC Staff. For purposes of these procedures, a shortage of fuel used for peaking generation will be treated as a capacity shortage. The public shall be advised through appropriate media sources of the implementation of these procedures.

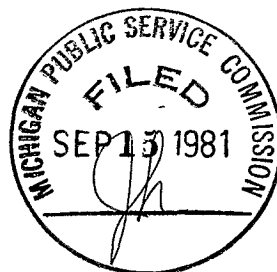
A. LONG-TERM CAPACITY SHORTAGES IN THE CONSUMERS-EDISON AREA:

If an emergency situation of long-term duration arises out of a long-term capacity shortage which cannot be relieved by sources of generation within or

(Continued on next sheet)

*This will be reduced to 200 kW for utilities with less than \$10,000,000 annual revenue who are firm customers of Consumers Power or Detroit Edison.

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RULES AND REGULATIONS—Continued

B-3.7 (cont'd.)

outside of the Consumers-Edison Area, the following actions shall be taken as necessary:

- (1) Curtail use of energy during hours of capacity deficiency on premises controlled by Consumers Power and Detroit Edison.
- (2) Curtail all non-firm outside sales of electricity by Consumers Power and Detroit Edison during the hours of capacity deficiency.
- (3) Initiate voluntary energy curtailment during hours of capacity deficiency of all customers by:
 - (a) Direct contact of customers with an electric demand of 500 kW* or higher requesting them to implement their voluntary long-term electric load management plan.
 - (b) Requesting, through mass communication media, voluntary curtailment by all other customers.
- (4) Implement available load management options to controlled service loads and to loads rendered service under interruptible rates in accordance with approved tariffs.
- (5) Implement a comprehensive voluntary program with procedures designed to take specific measures at specific times in specific areas to curtail the electric demand of residential, commercial and industrial customers on an equitable basis during the period of capacity deficiency to achieve a 15% reduction in system demand.
- (6) Implement procedures for mandatory curtailment of the electric demand of all non-residential customers who have a monthly energy use in excess of 75,000** kilowatthours, to levels and at times specified by Consumers Power and Detroit Edison, such curtailment to be not more than 15% of the customer's "monthly base period demand." Monthly base period demand is defined as the customer's billing demand created during the corresponding monthly billing cycle of the twelve monthly billing periods immediately prior to December 31 of the calendar year immediately preceding the issuance of the order in this case, adjusted to reflect any changes in operating rate as computed in the formula in Appendix A hereto. The "monthly base period demand" will be updated every three (3) years.

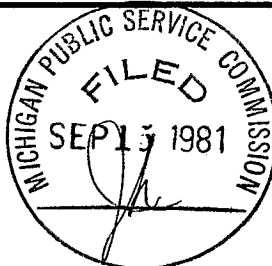
(Continued on next sheet)

*This will be reduced to 200 kW for utilities with less than \$10,000,000 annual revenue who are firm customers of Consumers Power or Detroit Edison.

**This will be reduced to 30,000 kWh for utilities with less than \$10,000,000 annual revenue who are firm customers of Consumers Power or Detroit Edison.

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Issued: July 21, 1981
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226



Effective on service rendered on and after July 23, 1981 under authority of Order of the Michigan Public Service Commission dated July 21, 1981 in Case U-6488.

RULES AND REGULATIONS-Continued

B-3.7 (cont'd.)

(6) (Continued)

Upon application by the customer and agreement by the serving utility, a one-time adjustment of the monthly billing demand of the twelve monthly billing periods immediately prior to December 31 of the calendar year immediately preceding the issuance of the order in this case or an adjustment to the average demand of the prior three months (PQkW) will be made to correct any abnormalities of demand resulting from such things as strikes and breakdown of major equipment that may have occurred during the period in question. For customers connected or qualifying after December 31 of the calendar year immediately preceding the year defined as the base period, the base period demand will be negotiated between the customer and the serving utility, until such time as one calendar year of billing data at normal operation is available, at which time this will become the base period to be adjusted in accordance with the formula in Appendix A.

Upon prior arrangement and mutual agreement with the serving utility, customers may effect their electric demand reduction on a corporate basis within an individual utility's service area.

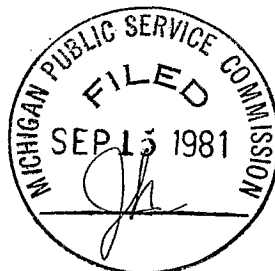
In the event the foregoing steps are insufficient, the following steps will be taken:

- (7) The Governor will be requested to exercise any authority at his disposal to alleviate the emergency situation.
- (8) Implement a comprehensive voluntary program with procedures designed to take specific measures at specific times in specific areas to curtail the electric demand of residential, commercial and industrial customers on an equitable basis during the period of capacity deficiency to achieve a 30% reduction in system demand.
- (9) Implement procedures for mandatory curtailment of demand for customers covered in Section 3 A(6) to levels and at times specified by Consumers Power and Detroit Edison, such curtailment to be not more than 30% of such customer's respective monthly base period demand.
- (10) Implement a comprehensive voluntary program with procedures designed to take specific measures at specific times in specific areas to curtail the electric demand of residential, commercial and industrial customers on an equitable basis during the period of capacity deficiency to achieve a 50% reduction in system demand.
- (11) Implement procedures for mandatory curtailment of demand for customers covered in Section 3 A(6) to levels and at times specified by Consumers Power and Detroit Edison, such curtailment to be not more than 50% of such customer's respective monthly base period demand.

(Continued on next sheet)

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RULES AND REGULATIONS-Continued

B-3.7 (cont'd.)

- (12) As a measure of last resort, manual load shedding of firm customer loads will be initiated as necessary to maintain the integrity of the system.

Voltage may be reduced up to six percent if at any time it is deemed appropriate by Consumers Power and Detroit Edison to maintain the integrity of the system.

B. LONG-TERM FUEL SHORTAGES (OTHER THAN COAL):

In the event of an anticipated long-term fuel shortage, the utility shall estimate each day anticipated kilowatt-hour requirements for the subsequent 45 and 30 day periods. Fuel supplies to meet these requirements will be calculated in accordance with the formula in Appendix B. In addition to the following procedures, at an appropriate time prior to implementation of mandatory curtailment procedures and with the concurrence of the MPSC, Consumers Power and Detroit Edison shall initiate a conservation dispatch in order to conserve fuel at critical plants to the degree deemed necessary:

- (1) If the fuel supplies to meet the expected electric load for the subsequent 45-day period are not available, the following actions shall be taken:
- (a) The utility shall notify the Commission of the fuel supply shortage.
 - (b) Use of energy on premises controlled by Consumers Power and Detroit Edison shall be curtailed.
 - (c) Request voluntary curtailment of all customers by:
 - (i) Direct contact of large industrial and commercial customers with an electric demand of 500 kW* or higher, and request them to implement their voluntary long-term electric load management plan.
 - (ii) Request, by mass communication media, voluntary curtailment by all other customers.
 - (d) Curtail non-firm outside sales of electricity by Consumers Power and Detroit Edison during the period of fuel shortage, except those non-firm sales which do not affect fuel usage at critical plants.
- (2) If the fuel supply situation continues to deteriorate and the fuel supplies to meet the expected electric load for the subsequent 30-day period are not available, the following additional actions shall be taken in the order noted to maintain as nearly as possible a 30-day supply:

(Continued on next sheet)

*This will be reduced to 200 kW for utilities with less than \$10,000,000 annual revenue who are firm customers of Consumers Power or Detroit Edison.

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RULES AND REGULATIONS-Continued

B-3.7 (cont'd.)

- (a) Implement a comprehensive voluntary program with procedures designed to take specific measures at specific times in specific areas to curtail the electric consumption of residential, commercial and industrial customers on an equitable basis to achieve a 15% reduction in energy consumption.
- (b) Implement procedures for mandatory curtailment of electric service to all non-residential customers, who have monthly energy uses in excess of 75,000** kilowatthours, to levels specified by Consumers Power and Detroit Edison, such curtailments to be not more than 15% of the customer's "monthly base period use."

"Monthly base period use" is defined as the customer's usage during the corresponding monthly billing cycle of the twelve monthly billing periods immediately prior to December 31 of the calendar year immediately preceding the issuance of the order in this case, adjusted to reflect any increases or decreases of load in the most recent three-month period due to the installation or removal of equipment or a change in operating rate as computed in the formula in Appendix A hereto. The "monthly base period use" will be updated every three (3) years.

Upon application by the customers and agreement by the serving utility, a one-time adjustment of the monthly energy use of the twelve monthly billing periods immediately prior to December 31 of the calendar year immediately preceding the issuance of the order in this case or an adjustment of the prior three-month usage (PQkWh) will be made to correct any abnormalities of energy use resulting from such things as strikes and breakdown of major equipment that may have occurred during the period in question. For customers connected or qualifying after December 31 of the calendar year immediately preceding the year defined as the base period, the base period consumption will be negotiated between the customer and the serving utility until such time as one full calendar year of billing data at normal operation is available, at which time this will become the base period to be adjusted in accordance with the formula in Appendix A.

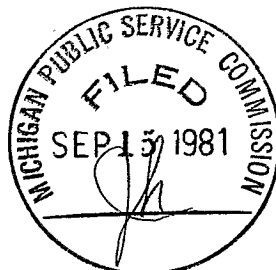
Upon prior arrangement and mutual agreement with the serving utility, customers may effect their electric usage reduction on a corporate basis within an individual utility's service area.

- (c) The Governor will be requested to exercise any authority at his disposal to alleviate the emergency situation.
- (d) Implement a comprehensive voluntary program with procedures designed to take specific measures at specific times in specific areas to curtail the electric consumption of residential, commercial and industrial customers on an equitable basis to achieve a 30% reduction in energy consumption.

(Continued on next sheet)

**This will be reduced to 30,000 kWh for utilities with less than \$10,000,000 annual revenue who are firm customers of Consumers Power or Detroit Edison.

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RULES AND REGULATIONS-Continued

B-3.7 (cont'd.)

- (e) Implement procedures for mandatory curtailment of service to customers covered in Section 3 B(2)(b) to levels specified by Consumers Power and Detroit Edison, such curtailment to be not more than 30% of such customer's respective monthly base period use.
- (f) Implement a comprehensive voluntary program with procedures designed to take specific measures at specific times in specific areas to curtail the electric consumption of residential, commercial and industrial customers on an equitable basis to achieve a 50% reduction in energy consumption.
- (g) Implement procedures for mandatory curtailment of service to customers covered in Section 3 B(2)(b) to levels specified by Consumers Power and Detroit Edison, such curtailment to be not more than 50% of such customer's respective monthly base period use.
- (h) As a measure of last resort, manual load shedding of firm customer loads will be initiated as necessary to maintain the integrity of the system.

Voltage may be reduced up to six percent if at any time it is deemed appropriate by Consumers Power and Detroit Edison to maintain the integrity of the system.

C. LONG-TERM FUEL SHORTAGES DUE TO COAL:

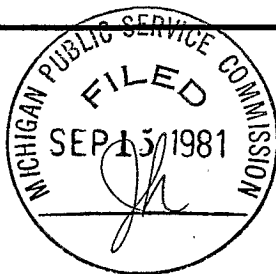
In the event of an emergency fuel shortage, such as that which could result from a general coal or transportation strike, the utility shall estimate each day the anticipated kilowatt-hour requirements for the subsequent 60-day period. Fuel supplies to meet these requirements will be calculated in accordance with the formula in Appendix B.

- (1) If the fuel supplies necessary to meet the expected electric load for the subsequent 60-day period are not available, the following actions shall be taken:
 - (a) The utility shall notify the Commission of the fuel supply shortage.
 - (b) Use of energy on premises controlled by Consumers Power and Detroit Edison shall be curtailed.
 - (c) Request voluntary energy curtailment of all customers by:
 - (i) Direct contact of customers with an electric demand of 500 kW* or higher, requesting them to implement their voluntary long-term electric load management plan.

(Continued on next sheet)

*This will be reduced to 200 kW utilities with less than \$10,000,000 annual revenue who are firm customers of Consumers Power or Detroit Edison.

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Detroit, Michigan 48226



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RULES AND REGULATIONS-Continued

B-3.7 (cont'd.)

- (ii) Request, by mass communication media, voluntary curtailment by all other customers.
 - (d) Curtail non-firm outside sales of electricity by Consumers Power and Detroit Edison during the period of fuel shortage, except those non-firm sales which do not affect fuel usage at critical plants.
 - (e) Seek authorization from the proper regulatory agencies to curtail the use of air pollution control facilities and to burn the available coal in a manner which will maximize use of the remaining stockpiles.
 - (f) Request industry to utilize industrial-owned generation equipment to supplement utility generation to maximum extent possible.
 - (g) At an appropriate time prior to implementation of mandatory curtailment procedures, and with the concurrence of the MPSC, Consumers Power and Detroit Edison shall initiate a conservation dispatch in order to conserve fuel at critical plants to the degree necessary.
- (2) If the fuel supply situation continues to deteriorate and the supplies necessary to meet the expected electric load for the subsequent 40-day period are not available, the following actions shall be taken:
- (a) Implement a comprehensive voluntary program with procedures designed to take specific measures at specific times in specific areas to curtail the electric consumption of residential, commercial and industrial customers on an equitable basis to achieve a 15% reduction in energy consumption.
 - (b) Implement procedures for mandatory curtailment of electric service to all non-residential customers, who have monthly energy uses in excess of 75,000** kilowatthours, to levels specified by Consumers Power and Detroit Edison, such curtailments to be not more than 15% of the customer's "monthly base period use."

"Monthly base period use" is defined as the customer's usage during the corresponding monthly billing cycle of the twelve monthly billing periods immediately prior to December 31 of the calendar year immediately preceding the issuance of the order in this case, adjusted to reflect any increases or decreases of load in the most recent three-month period due to the installation or removal of equipment or a change in operating rate as computed in the formula in Appendix A hereto. The "monthly base period use" will be updated every three (3) years.

(Continued on next sheet)

**This will be reduced to 30,000 kWh for utilities with less than \$10,000,000 annual revenue who are firm customers of Consumers Power or Detroit Edison.

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RULES AND REGULATIONS—Continued

B-3.7 (cont'd.)

(2) (b) Continued

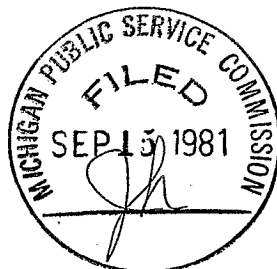
Upon application by the customers and agreement by the serving utility, a one-time adjustment of the monthly energy use of the twelve monthly billing periods immediately prior to December 31 of the calendar year immediately preceding the issuance of the order in this case or an adjustment of the prior three-month usage (PQkWh) will be made to correct any abnormalities of energy use resulting from such things as strikes and breakdown of major equipment that may have occurred during the period in question. For customers connected or qualifying after December 31 of the calendar year immediately preceding the year defined as the base period, the base period consumption will be negotiated between the customer and the serving utility until such time as one full calendar year of billing data at normal operation is available at which time this will become the base period to be adjusted in accordance with the formula in Appendix A.

Upon prior agreement and mutual agreement with the serving utility, customers may effect their electric usage reduction on a corporate basis within an individual utility's service area.

- (3) In the event the foregoing steps are insufficient, the following steps will be taken when the fuel supplies necessary to meet the expected electric load for the subsequent 25-day period are not available:
- (a) The Governor will be requested to exercise any authority at his disposal to alleviate the emergency situations.
 - (b) Implement a comprehensive voluntary program with procedures designed to take specific measures at specific times in specific areas to curtail the electric consumption of residential, commercial and industrial customers up to 30% on an equitable basis.
 - (c) Implement procedures for mandatory curtailment of service to customers covered in Section 3 C(2)(b) to levels specified by Consumers Power and Detroit Edison, such curtailment to be not more than 30% of such customer's respective monthly base period use.
- (4) When the fuel supplies necessary to meet the expected electric load for the subsequent 15-day period are not available, the following actions shall be taken:
- (a) Implement a comprehensive voluntary program with procedures designed to take specific measures at specific times in specific areas to curtail the electric consumption of residential, commercial and industrial customers on an equitable basis to achieve a 50% reduction in energy consumption.

(Continued on next sheet)

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(Continued From Sheet No. B3-23)

B-3.7 EMERGENCY ELECTRICAL PROCEDURES: (Continued)

- (b) Implement procedures for mandatory curtailment of service to customers covered in Section 3 (C)(2)(b) to levels specified by Consumers Power and Detroit Edison, such curtailment to be not more than 50% of such customer's respective monthly base period use.

As a measure of last resort, manual load shedding of firm customer loads will be initiated as necessary to preserve the integrity of the system. Voltage may be reduced up to six percent if at any time it is deemed appropriate by Consumers Power and Detroit Edison to maintain the integrity of the system.

4. PENALTIES:

Demand use in excess of that permitted under a curtailment instituted pursuant to Sections 3 (A)(6), (A)(9) or (A)(11) shall be subject to an excess demand charge per kW of up to 15 times the average cost per kW of the capacity or demand-related charges for the billing month in question. The first 15% of excess demand shall be penalized at a rate of 5 times the average cost per kW of capacity or demand-related charges for the billing month in question, the next 15% of excess demand shall be penalized at a rate of 10 times the average cost per kW of the capacity or demand-related charges for the billing month in question, and all additional excess demand shall be penalized at a rate of 15 times the average cost per kW of the capacity or demand-related charges for the billing month in question.

Energy use in excess of that permitted under a curtailment instituted pursuant to Sections 3 (B)(2)(b), (B)(2)(e), (B)(2)(g), (C)(2)(b), (C)(3)(c) and (C)(4)(b) shall be subject to an excess charge per kWh of up to 15 times the average cost per kWh of the energy-related charges for the billing month in question. The first 15% of excess energy use shall be penalized at a rate of 5 times the average cost per kWh for the billing month in question, the next 15% of excess energy use shall be penalized at a rate of 10 times the average cost per kWh for the billing month in question, and all additional excess energy use shall be penalized at a rate of 15 times the average cost per kWh for the billing month in question.

Such charges shall be in addition to the regular rates under which service is supplied. Customers failing to comply with the specified reductions for more than a 60-day period will be subject to disconnection upon 24 hours' written notice for the duration of the emergency.

The "ratchet" clause of the on-peak minimum billing demand provision for rates D, F and J (Consumers Power Company) and rates D4, D6, D6.1 **and** D7 (The Detroit Edison Company) will be waived during periods when the long-term portion of these procedures are in effect for those customers who are affected by the clause due to their efforts to conserve energy or reduce demand.

(Continued on Sheet No. B3-25)

ISSUED AUGUST 15, 2006
M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission

August 15, 2006

Filed _____



EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

RULES AND REGULATIONS-Continued

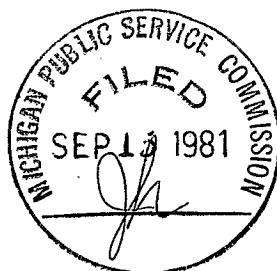
B-3.7 (cont'd.)

5. SHORT-TERM CAPACITY SHORTAGES IN NEIGHBORING CONTROL AREAS:

- A. Firm service to customers in the Consumers-Edison Area shall not be interrupted in order to provide emergency service to suppliers of electric energy in neighboring interconnected control areas outside the Consumers-Edison area. Emergency assistance to such suppliers shall be limited to the following steps in the order noted and no such assistance will be given unless agreed to be provided on a reciprocal basis by such supplier to Consumers Power and Detroit Edison.
- (1) Provide emergency assistance from idle or spinning reserve capacity in the Consumers-Edison Area provided that the neighboring control area has, as nearly as practicable, utilized its own idle or spinning reserve capacity.
 - (2) Interrupt service to controlled service loads and to loads in the Consumers-Edison Area being serviced under interruptible tariffs and emergency load management tariff provisions, provided that the neighboring control area seeking assistance has already ceased service to its controlled service and interruptible loads.
 - (3) Reduce voltage within the Consumers-Edison Area not more than six percent; provided the neighboring control area seeking assistance has already exhausted all available supportive resources, including interruption of controlled service and interruptible loads and voltage reduction.
- B. The neighboring control area seeking assistance shall be requested to reduce its takings of electric energy if such takings endanger the reliability of bulk power supply in the Consumers-Edison Area. If such neighboring control area fails to reduce its takings and the reliability of bulk power supply in the Consumers-Edison Area is endangered, steps may be taken to open appropriate interconnections to relieve the burden on the Consumers-Edison Area.

(Continued on next sheet)

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By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226



Effective on service rendered on and after July 23, 1981 under authority of Order of the Michigan Public Service Commission dated July 21, 1981 in Case U-6488.

APPENDIX A

Formula for Base Period Adjustment:

$$\text{AMBP} = \frac{(\text{CM-BP}) (\text{PQ})}{(\text{BPPQ})}$$

AMBP = Adjusted Monthly Base Period (kW or kWh).

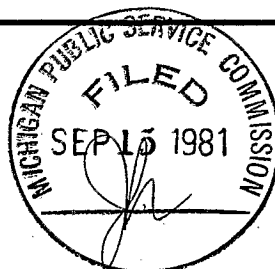
(CM-BP) = Corresponding Month During Base Period.

(PQ) = Average use (kW or kWh) for the second, third and fourth monthly billing periods immediately prior to the month of the curtailment. Should a curtailment be extended so that one of the three monthly billing periods reflects usage under a curtailment period—voluntary or mandatory—the actual billing for that month is replaced with the AMBP previously calculated for that month.

(BPPQ) = Average of corresponding three monthly billings prior to (CM-BP).

BASE PERIOD = The twelve monthly billing periods immediately prior to December 31 of the calendar year immediately preceding the issuance of this order.

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APPENDIX A (Cont.)

Example: (Curtailement ordered during month of May)

1st Curtailement Month

Since the April billing may not always be available, then for uniformity to all customers--from the time curtailement is ordered until the May meter-reading date:

$$\begin{array}{r} \text{MAY} = (\text{Jan., Feb., Mar.}) \quad \text{BP} \\ \hline \quad \quad \quad \text{BP} \quad \times \text{ May} \\ (\text{Jan., Feb., Mar.}) \end{array}$$

2nd Curtailement Month

$$\begin{array}{r} \text{JUNE} = (\text{Feb., Mar., Apr.}) \quad \text{BP} \\ \hline \quad \quad \quad \text{BP} \quad \times \text{ June} \\ (\text{Feb., Mar., Apr.}) \end{array}$$

3rd Curtailement Month

Since May electric use will reflect use under a curtailement, May will be replaced with MAY as calculated in the 1st curtailement month.

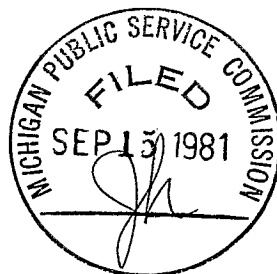
$$\begin{array}{r} \text{JULY} = (\text{Mar., Apr., MAY}) \quad \text{BP} \\ \hline \quad \quad \quad \text{BP} \quad \times \text{ July} \\ (\text{Mar., Apr., May}) \\ \text{--- Etc. ---} \end{array}$$

MAY (Capital Letters) = AMBP for the one month billing period ending with the May meter reading for the current year.

May (Lower Case Letters) = Actual use for the one month billing period ending with the May meter reading for the current year.

NOTE: The nomenclature for any one billing period is determined by the last reading date in the period; i.e., a bill from April 2 to May 2 is considered the May billing period.

Issued: July 21, 1981
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Vice Chairman of the Board
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APPENDIX B

Formula for Calculation of Fuel Days Supply

$$\sum_{i=1}^n O_i = \sum_{i=1}^n \frac{(C_i) \times (I_i)}{D}$$

Where: $O_{maxi} \geq O_i > \text{Zero}$.

Thus, when $O_i > O_{maxi}$, O_{maxi} will be used.

O_{maxi} = The maximum output each plant can average over the next three months adjusted for expected availability during this time span.

C_i = Fuel conversion factor expressed in MWH per unit of fuel.

I_i = The recoverable inventory of fuel available at each plant. The total amount unrecoverable will be determined by the companies on a plant by plant basis and will remain a constant number throughout the shortage.

D = Days supply for the system.

O_i = Average daily output from plant i that can be maintained for D days.

$\sum_{i=1}^n O_i$ = Total average daily system output that can be maintained for D days at the affected plants.

The solution requires maximizing the system days supply (D) given system electrical output requirements needed from the fuel shortage affected plants.

Data requirements for obtaining the solution are as follows:

$\sum_{i=1}^n O_i$ = Average daily forecasted output of all fuel affected plants for the next three months.

C_i , O_{maxi} and output forecasts shall be updated by Detroit Edison and Consumers Power at the start of the emergency, at the beginning of conservation dispatch, and as necessary to account for major changes.

Additional information necessary to assess the overall energy situation shall be provided to the Commission Staff on a weekly basis. This additional information requirement includes:

- 1) non-affected fuel inventories (as appropriate).
- 2) total purchased/interchange power transactions (sales and purchases) for the past week.
- 3) total output of non-affected plants for the past week.
- 4) MECS peak load for the week.

Where appropriate data adjustments shall be made as necessary upon joint agreement of Consumers Power, Detroit Edison and the Commission Staff.

Issued: July 21, 1981
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226



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(To add the words "unless served under Rider DG" in Paragraph (1))

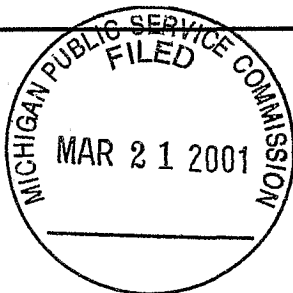
RULES AND REGULATIONS--Continued

B-3.8 PARALLEL OPERATION AND STANDBY SERVICE:

- (1) Customers who desire to run electrical generating equipment in parallel with the Company's system or customers who desire the Company to serve load that is normally served by another source of energy or by the customers generator or prime mover must have written permission by the Company for parallel operation and will take standby service under the provisions of Rider No. 3 unless served under Rider DG, except as provided for in paragraph (2) below.
- (2) Any customer operating in parallel with the Company's system under written permission by the Company but not taking service under Rider No. 3 as of January 1, 1989, will not be required to take service under Rider No. 3 as long as there is no change in the customer's generating facilities or other source of energy.
- (3) The customer must meet the interconnection requirements of Detroit Edison specified in "Protective Relaying Operating and Telemetering Guidelines for Independently-Owned generation", published by the Company, as approved by the Michigan Public Service Commission, before parallel operation will be permitted. The Company must approve in writing any subsequent changes in the interconnection configuration before such changes are allowed. Operating in parallel with the Company's system without written approval by the Company of the interconnection, and any subsequent changes to the interconnection, will make the customer subject to disconnection. The company will respond to requests for interconnection, granting or denying, within 20 working days of the receipt of the request provided that the request conforms to the Company's interconnection requirements as specified.

M/53a

Issued: March 7, 2001
By: L. G. Garberding
Executive Vice President
and Chief Financial Officer
2000 Second Avenue
Detroit, Michigan 48226



Effective for service rendered on and after February 14, 2001, under authority of order of the Michigan Public Service Commission dated February 14, 2001 in Case No. U-12827.

(Continued From Sheet No. B3-29)

B-4.1 DEPOSIT PROCEDURE (Non-Residential)

- (a) Customer Deposits - New Customers
 - (1) Except as provided in subdivision (2) 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.
 - (2) 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.
- (b) Customer Deposits - Existing Customers
 - (1) 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.
- (c) Deposit Requirements
 - (1) 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.
 - (2) 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.
 - (3) Simple interest on deposits at the rate of not less than 9% 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.
 - (4) Each 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.
 - (5) 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.
 - (6) 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.
 - (7) Unclaimed deposits, together with accrued interest, shall be credited to an appropriate account and shall be disposed of pursuant to Michigan statutes.

Michigan Public Service
Commission

Continued on Sheet No. B4-1.1)

**ISSUED MARCH 6, 2008
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN**

March 10, 2008

Filed 

**EFFECTIVE FOR SERVICE
RENDERED ON AND AFTER
OCTOBER 26, 2007
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE
COMMISSION DATED OCTOBER 26, 2007
IN CASE NO. U-14851**

(Continued from [Sheet No. B4-1](#))

B-4.2 BILLING FOR SERVICE

BILLING FREQUENCY; METHOD OF DELIVERY

- (a) The Company shall transmit a bill once during each billing month to Residential Rate customers D1, D1.3, D2 and D5 Option II in accordance with the approved daily rate schedules. The Company shall transmit a bill to customers by mail unless the Company and the customer agree in writing to another method of delivery.
- (b) The Company shall transmit a bill once during each billing month to all other customers in accordance with the approved monthly rate schedules. The Company shall transmit a bill to customers by mail unless the Company and the customer agree in writing to another method of delivery.

B-4.3 PAYMENT FOR SERVICE AND RETURNED CHECKS

- (1) The Company shall permit each customer a period of not less than **21** days from the date the bill was transmitted to pay in full, unless the customer agrees in writing to a different period.
- (2) 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 previous occasion within the last three years tendered payment in this manner and the check has been returned for insufficient funds.
- (3) **CHECKS RETURNED BY BANKS OR OTHER FINANCIAL INSTITUTIONS:**

Checks remitted by customers as bill payments and returned because they are not valid are rebilled to the customer's accounts. A \$5.00 charge will be assessed to customers for handling checks received and returned by banks for reasons of insufficient funds, bank account closed, no account and similar situations excluding bank errors. Appropriate collection action follows if the customer does not redeem the check.
- (4) 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 calendar day for payments falls upon a Sunday, legal holiday or any other day when the offices of the Company 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.
- (5) The customer is responsible for payments of all bills for service used until service is ordered discontinued and the Company has been given reasonable time and opportunity to secure a final meter reading. Payment after due date will result in the assessment of a late payment charge as specified in B-2.10. The failure on the part of the customer to receive the bill shall not entitle him to a waiver of the late payment charge.

(Continued on [Sheet No. B4-2](#))

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**EFFECTIVE FOR SERVICE
RENDERED ON AND AFTER
OCTOBER 26, 2007
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE
COMMISSION DATED OCTOBER 26, 2007
IN CASE NO. U-14851**

(Continued from [Sheet No. B4-1.1](#))

B-4.4 SCHEDULE OF ON-PEAK HOURS

For Large General Service Rate-D4;
Primary Supply Rate-D6;
Alternative Primary Supply Rate-D6.1;
Interruptible Supply Rate-D8;
Standard Contract Rider-R3

On-peak hours are those hours between 1100 hours and 1900 hours each day, Monday through Friday, legal holidays excluded.

The following will be considered legal holidays for the purpose of applying this schedule: New Year's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day. "Monday" holidays, where legally recognized, will be recognized in place of the "traditional" holidays.

Schedule of on-peak hours also applies to on-peak and off-peak kWh charges.

B-4.5 POWER FACTOR DETERMINATION

Where the filed rate requires a determination of power factor, the Company will install a lagging reactive component meter in addition to the kilowatt-hour meter used for the measurement of energy. From the readings of these two meters, the power factor for the regular billing period will be determined according to the following table:

RATIO OF REGISTRATION OF REACTIVE COMPONENT METER TO REGISTRATION OF KILOWATT-HOUR METER POWER FACTOR

1.021 and higher	.699 and lower
1.020 to .883	.700 to .749
.882 to .752	.750 to .799
.751 to .622	.800 to .849
.621 to .000	.850 to 1.000

Power Factor: A penalty will be applied to all metered quantities in accordance with the following table:

POWER FACTOR	PENALTY
.850 and higher	None
.800 to .849	1%
.750 to .799	2%
.700 to .749	3%

Power factors less than .700 are not permitted and necessary corrective equipment must be installed by the customer. A 25% penalty will be applied to any billing after two consecutive months below .700 power factor and will continue as long as the power factor remains below .700. The first two consecutive months below .700, the penalty will be 3%. Once the customer's power factor exceeds .700, it is necessary to go through two consecutive months below .700 again before the 25% penalty applies.

(Continued on [Sheet No. B4-3](#))

ISSUED MARCH 6, 2008
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN



EFFECTIVE FOR SERVICE
RENDERED ON AND AFTER
OCTOBER 26, 2007
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE
COMMISSION DATED OCTOBER 26, 2007
IN CASE NO. U-14851

(Continued from [Sheet No. B4-2](#))

B-4.6 DEFINITION OF CUSTOMER VOLTAGE LEVEL:

- (1) Transmission Voltage Level - 120 kV and above:

A customer is defined as taking service at the transmission voltage level when he is served directly from the transmission system at 120 kV or above, or from the transmission system through a Company-owned substation dedicated or primarily providing service to the customer and located on or immediately adjacent to the customer's premises.

- (2) Subtransmission Voltage Level - 24 kV to 41.6 kV:

A customer is defined as taking service at the subtransmission voltage level when he is served directly from the subtransmission system at voltages from 24 kV to 41.6 kV or from the subtransmission system through a Company-owned substation dedicated or primarily providing service to the customer and located on or immediately adjacent to the customer's premises.

- (3) Primary Service - Less Than 24 kV:

A customer is defined as taking primary service when he is served directly from the primary distribution system at a nominal voltage between 4.8 kV and 13.2 kV who does not qualify as either a transmission voltage customer or a subtransmission voltage customer.

B-4.7 CONVERSION FROM MASTER METERING TO DIRECT SERVICE METERING:

- (1) Apartment Buildings and Other Multiple Dwellings:

Where the owners of an apartment building or multiple dwelling choose to convert from a master metering installation to an individual tenant direct service utility metering installation, the Company, at its cost, shall provide the equipment and installation ordinarily provided for a newly constructed direct metered multi-dwelling.

- (2) Expiration of Master Meters:

All newly constructed duplexes, apartment buildings, mobile homes and multiple occupancy dwellings receiving electrical service on and after August 1, 1979 shall have individual tenant metering.

(Continued on [Sheet No. B4-3.1](#))

ISSUED MARCH 6, 2008
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service Commission
March 10, 2008
Filed _____ 

EFFECTIVE FOR SERVICE
RENDERED ON AND AFTER
OCTOBER 26, 2007
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE
COMMISSION DATED OCTOBER 26, 2007
IN CASE NO. U-14851

(Continued from [Sheet No. B4-3](#))

B-4.8 SURCHARGES AND CREDITS APPLICABLE TO POWER SUPPLY SERVICE:

(1) POWER SUPPLY COST RECOVERY (PSCR) CLAUSE:

- (a) This Power Supply Cost Recovery Clause permits the monthly adjustment of rates for power supply to allow recovery of the booked costs of fuel and purchased and net interchanged power transactions incurred under reasonable and prudent policies and practices in accordance with 1982 PA 304. All rates for electric service, unless otherwise provided in the applicable rate schedule, shall include a Power Supply Cost Recovery factor.
- (b) The Power Supply Cost Recovery factor is that element of the rates to be charged for electric service to reflect power supply costs incurred by the company and made pursuant to the Power Supply Cost Recovery Clause.
- (c) Effective November 24, 2004, the Power Supply Cost Recovery Factor shall consist of an increase or decrease of .01072 mills per kWh for each full .01 mill increase or decrease in the projected average booked cost of fuel burned for electric generation and purchased and net interchange power incurred above or below a base of 17.32 mills per kWh. Average booked cost of fuel burned and purchased and net interchange power shall be equal to the booked costs in that period divided by that period's net system kWh requirements. Net system kWh requirements shall be the sum of the net kWh generation and net kWh purchased and interchange power.

The following factor(s) were applied to bills rendered during the billing months as indicated below for the calendar year 2007 and 2008.

2007			2008		
<u>Billing Month</u>	<u>Maximum Authorized Factor c/kWh</u>	<u>Actual Billed c/kWh</u>	<u>Billing Month</u>	<u>Maximum Authorized Factor c/kWh</u>	<u>Actual Billed c/kWh</u>
January	0.973	0.869	January	0.923	0.923
February	0.973	0.869	February	0.923	0.923
March	0.973	0.869	March	0.923	0.923
April	0.973	0.869	April	0.923	0.923
May	0.973	0.869	May	0.923	0.923
June	0.973	0.869	June	0.923	0.923
July	0.973	0.669	July	0.923	0.923
August	0.973	0.669	August	0.923	0.923
September	0.869	0.669	September	0.923	0.923
October	0.869	0.669	October	0.923	0.923
November	0.869	0.669	November	0.923	0.923
December	0.869	0.869	December	0.923	0.923

The Company will file a revised Sheet No. B4-3.1 monthly, or as necessary, to reflect the factor to be billed the following month.

- (2) **REGULATORY ASSET RECOVERY SURCHARGE (RARS):** On November 23, 2004, in its Order in Case No. U-13808, the MPSC authorized the Regulatory Asset Recovery Surcharge. This surcharge is to recover regulatory assets that were based on legislative authority provided by 2000 PA 141, Sections 10d(3) and 10d(4) or prior Commission orders. On July 5, 2007, in its order approving a settlement agreement in Case No.U-15159, the MPSC authorized the following Regulatory Asset Recovery Surcharges. These surcharges are effective for service rendered on and after July 5, 2007.

<u>Class</u>	<u>RARS</u>	<u>Effective Period</u>
D7 & Large Cust. Contracts	\$0.000689/kWh	July 5, 2007 - 2009
Comm. & Ind. >=15 kW	\$0.000453/kWh or 0.56%	July 5, 2007 - 2009
Comm. & Ind. <15 kW	\$0.000919/kWh or 0.83%	July 5, 2007 - 2009
Residential	\$0.003112/kWh or 3.15%	July 5, 2007 - 2010

(Continued on [Sheet No. B4-4](#))

Michigan Public Service
Commission

June 19, 2008

Filed _____

RL

ISSUED JUNE 18, 2008
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED
FOR THE 2008 PLAN YEAR
ISSUED UNDER THE AUTHORITY OF
1982 PA 304, SECTION 6J(9) AND
MPSC IN CASE NO. U-15417

(Continued from [Sheet No. B4-3.1](#))

B-4.8 SURCHARGES AND CREDITS APPLICABLE TO POWER SUPPLY SERVICE (Contd.)

- (3) **ENHANCED SECURITY COST SURCHARGE (ESCS):** On April 3, 2007 the MPSC issued an order in Case No. U-15160 authorizing the ESCS. This surcharge is to recover costs for enhanced security measures incurred at electric generating facilities before January 1, 2006 pursuant to federal or state regulatory security requirements issued after September 11, 2001. ESCS will be implemented on a bills rendered basis.

(Continued on [Sheet No. B4-4a](#))

ISSUED JUNE 2, 2008
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service Commission
June 3, 2008
Filed <u> Bj </u>

EFFECTIVE FOR BILLS RENDERED
ON AND AFTER
JUNE 1, 2008 UNDER AUTHORITY OF
ORDER OF THE MICHIGAN PUBLIC
SERVICE COMMISSION DATED MAY 22,
2007
IN CASE NO. U-14275-R

Changes made to reflect termination of 2005 PSCR Reconciliation Surcharge

(Continued From [Sheet No. B4-4](#))

**B-4.8 SURCHARGES AND CREDITS APPLICABLE TO POWER SUPPLY SERVICE
(CONTINUED):**

(5) **SUMMARY OF SURCHARGES AND CREDITS:** Summary of surcharges and credits including PSCR, pursuant to sub-rules (1) and (2) of this rule. (Cents per kilowatthour or percent of base bill unless otherwise noted).

	PSCR (¢/kWh)	RARS <15kW (¢/kWh)	RARS ≥15kW (¢/kWh)	ESCS(2) (¢/kWh)	Total Power Supply Surcharges <15Kw (¢/kWh)	Total Power Supply Surcharges ≥15kW (¢/kWh)
Residential						
D1 Residential	0.923	0.3112		0.0077	1.2419	
D1a Farm	0.923	0.3112		0.0077	1.2419	
D1.1 Int. Space Conditioning	0.923	0.3112		0.0077	1.2419	
D1.2 Time-of-Day	0.923	0.3112		0.0077	1.2419	
D1.3 Senior Citizen	0.923	0.3112		0.0077	1.2419	
D1.4 Time-of-Day	0.923	0.3112		0.0077	1.2419	
D1.5 Supp. Space Heating	0.923	0.3112		0.0077	1.2419	
D1.7 Time-of-Day	0.923	0.3112		0.0077	1.2419	
D2 Space Heating	0.923	0.3112		0.0077	1.2419	
D2a Farm	0.923	0.3112		0.0077	1.2419	
D5 Water Heating	0.923	0.3112		0.0077	1.2419	
D9 Outdoor Lighting	NA	3.15%		0.083%		
Commercial						
D1.1 Int. Space Conditioning	0.923	0.0919	0.0453	0.0077	1.0226	0.9760
D1.7 Space Conditioning	0.923	0.0919	0.0453	0.0077	1.0226	0.9760
D3 General Service	0.923	0.0919	0.0453	0.0077	1.0226	0.9760
D3.1 Unmetered	NA	0.83%	0.56%	0.083%		
D3.3 Interruptible	0.923	0.0919	0.0453	0.0077	1.0226	0.9760
D3.4 Time-of-Day	0.923	0.0919	0.0453	0.0077	1.0226	0.9760
D4 Large General Service	0.923	0.0919	0.0453	0.0077	1.0226	0.9760
D5 Water Heating	0.923	0.0919	0.0453	0.0077	1.0226	0.9760
D9 Outdoor Lighting	NA	0.83%	0.56%	0.083%		
D10 Schools	0.923		0.0453	0.0077		0.9760
R3 Standby (Secondary)	0.923	see note (1)	see note (1)	0.0077		
R7 Greenhouse Lighting	0.923	0.0919	0.0453	0.0077	1.0226	0.9760
R8 Space Conditioning	0.923	0.0919	0.0453	0.0077	1.0226	0.9760
Industrial						
D6 Primary Supply	0.923		0.0453	0.0077		0.9760
D6.1 Alternative Primary	0.923		0.0453	0.0077		0.9760
D7 Transitional Primary	0.923		0.0689	0.0077		0.9996
D8 Interruptible Primary	0.923		0.0453	0.0077		0.9760
R1.1 Metal Melting	0.923		0.0453	0.0077		0.9760
R1.2 Electric Process Heating	0.923		0.0453	0.0077		0.9760
R3 Standby (Primary)	0.923		see note (1)	0.0077		
R10 Interruptible Supply	NA		0.0453	0.0077		0.0530
Governmental						
E1 Streetlighting	NA		0.56%	0.083%		
E1.1 Energy Only	0.923		0.0453	0.0077		0.9760
E2 Traffic Lights	NA		0.56%	0.083%		
E5 Secondary Pumping	0.923		0.0453	0.0077		0.9760
Electric Choice						
EC2 Retail Access	NA					
Special Contracts						
LCC	0.923		0.0689	NA		0.9919

Notes:

- (1) RARS for standby energy based upon customer's supplemental rate.
- (2) Percent applied to total bill net of taxes.

(Continued on [Sheet No. B4-4b](#))

ISSUED JUNE 2, 2008
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN



**EFFECTIVE FOR BILLS RENDERED
ON AND AFTER
JUNE 1, 2008 UNDER AUTHORITY OF
ORDER OF THE MICHIGAN PUBLIC
SERVICE COMMISSION DATED MAY 22,
2007
IN CASE NO. U-14275-R**

(Continued from [Sheet No. B4-4a](#))

**B-4.9 SURCHARGES AND CREDITS
APPLICABLE TO DELIVERY SERVICE**

- (1) **NUCLEAR DECOMMISSIONING SURCHARGE (NDS):** A January 1987 MPSC Order authorized the establishment of an external trust fund to finance the decommissioning of Fermi 2 Power Plant when its operating license expires. The Order approves a decommissioning surcharge on customer bills under which the funds are collected. Pursuant to Commission Order U-10102 dated January 21, 1994, a revised surcharge became effective with service rendered on and after January 22, 1994.
- (2) **SECURITIZATION BOND CHARGE (SBC) AND SECURITIZATION BOND TAX CHARGE (SBTC):** On January 4, 2001 in its Order U-12478, the MPSC authorized the issuance of securitization bonds enabling Detroit Edison's recovery of qualified costs in accordance with the Electric Choice and Electric Reliability Act of 2000. The issuance of the bonds reduced Detroit Edison's overall cost structure and the net cost savings were reflected in 5% reductions in all of Detroit Edison's retail rates. The Securitization Bond Charge was authorized by the MPSC and reflects the payment of principal and interest associated with the bonds as well as recovery of certain servicing and administrative costs. The Securitization Bond Tax Charge reflects the recovery of an income tax liability incurred by the Company arising from its collection of the Securitization Bond principal payments. The Securitization Bond and Securitization Bond Tax Charges are subject to an annual true-up. The current charges appear on Sheet No. B4-11b.
- (3) **RENEWABLE ENERGY PROGRAM SURCHARGE (REPS):** On November 23, 2004, in its Order in Case No. U-13808, the MPSC authorized funding of a Renewable Energy Program for Detroit Edison through the implementation of a 5-cent per-meter, per billing-cycle surcharge on all meters within the Detroit Edison system for all customers whose rates are no longer capped, pursuant to 2000 PA 141 and then so forth as the caps expire for the remaining customers. This surcharge is effective November 24, 2004 for Commercial & Industrial (C&I) customers \geq 15 kW, January 1, 2005 for C&I customers < 15 kW and January 1, 2006 for Residential customers. On August 31, 2006, in its Order approving a settlement agreement in Case No. U-14838, the MPSC suspended the Renewable Energy Program Surcharge until further order of the Commission.

(Continued on [Sheet No. 4-5](#))

**ISSUED MARCH 6, 2008
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN**

Michigan Public Service
Commission

March 10, 2008

Filed 

**EFFECTIVE FOR SERVICE
RENDERED ON AND AFTER
OCTOBER 26, 2007
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE
COMMISSION DATED OCTOBER 26, 2007
IN CASE NO. U-14851**

(Continued from [Sheet No. B4-4b](#))

**B-4.9 SURCHARGES AND CREDITS
APPLICABLE TO DELIVERY SERVICE (Contd.)**

- (4) **CHOICE IMPLEMENTATION SURCHARGE (CIS):** On November 23, 2004, in its Final Order in Case No. U-13808, the MPSC authorized a Choice Implementation Surcharge of 0.05 cents per kWh applicable to all metered sales of electricity, effective January 1, 2006. This surcharge recovers the costs associated with implementing the retail electric customer choice program. These costs were also approved by the MPSC in the following cases for the years indicated; Case No. U-12892 (2000), Case No. U-13341 (2001), Case No. U-13738 (2002), and Case No. U-14079 (2003).
- (5) **RATE REDUCTION CREDIT (RRC):** On August 31, 2006 in its Order approving a settlement agreement in Case No. U-14838 the MPSC terminated the Rate Reduction Credit authorized in U-14842 effective September 5, 2006. *Pursuant to the August 31, 2006 Order approving the Settlement Agreement in Case No. U-14838, the RRC authorized in U-14842 is restored effective for service rendered on and after April 13, 2008.*
- (6) **U-14838 RATE REDUCTION CREDIT (RRC):** On August 31, 2006 in its Order approving a settlement agreement in Case No. U-14838 the MPSC authorized a RRC effective for service rendered on and after September 5, 2006. *The U-14838 RRC is terminated effective for service rendered on and after April 13, 2008 pursuant to the August 31, 2006 Order approving the Settlement Agreement in Case No. U-14838.*

Michigan Public Service
Commission

April 2, 2008

Filed RJ

(Continued on [Sheet No. B4-5a](#))

ISSUED APRIL 1, 2008
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR SERVICE
RENDERED ON AND AFTER
APRIL 13, 2008 UNDER AUTHORITY
OF ORDER OF THE MICHIGAN
PUBLIC SERVICE COMMISSION
DATED AUGUST 31, 2006
IN CASE NO. U-14838

Changes made to reflect termination of one month Pension Equalization Mechanism (PEM) Credit

(Continued from [Sheet No. B4-5](#))

B-4.9 SURCHARGES AND CREDITS
APPLICABLE TO DELIVERY SERVICE:

(7) CHOICE INCENTIVE MECHANISM (CIM):

- (a) On August 31, 2006 in its Order in Case No. U-14838 the MPSC authorized the establishment of a Choice Incentive Mechanism (CIM). The CIM will determine the change in total non-fuel revenue associated with increases or decreases in annual choice sales from a total "base" choice sales level of 3,400 GWH for the period commencing January 1, 2007 and continuing until the latter of March 31, 2008 or twelve months from the date of filing of the general electric rate case ordered by the Commission in MPSC Case No. U-14399. The first CIM filing will be filed on or before March 31, 2008.
- (b) In the event of a decrease in total non-fuel revenue, the total decrease in non-fuel revenue will first be reduced by a "deadband" modifier equal to \$8 million. Recoverable non-fuel revenue is limited to 90% of this adjusted amount and shall not exceed \$70.8 million. Recoverable non-fuel revenue will be allocated in the same manner that the full service rate reduction was allocated to full-service customers in Case No. U-14838. Tariff specific surcharges apply only to full-service customers and will be based on a cents per kWh basis for metered customers and on a percent basis for unmetered customers. If the surcharges result in an over or under recovery of recoverable non-fuel revenues such over or under recovery will be deferred and included in the following CIM reconciliation filing.
- (c) In the event of an increase in total non-fuel revenue, the total increase in non-fuel revenue will first be reduced by a "deadband" modifier equal to \$8 million. The balance will be used to reduce unrecovered regulatory asset balances related to the RARS mechanism (Section 10d(4) costs).
- (d) Changes in non-fuel revenue will be determined as follows:

	(a) Actual Choice Sales (GWH)	(b) Base Choice Sales (GWH)	(c) Choice Sales Change (GWH)	(d) Non-Fuel Price (/kWh)	(e) Increase/ (Decrease) in Non-Fuel Revenue
• Residential	TBD	0	a-b	3.1	-c*d
• Commercial	TBD	2,100	a-b	4.2	-c*d
• Primary (excl. Rate D7)	TBD	1,300	a-b	3.8	-c*d
• Rate No. D7	<u>TBD</u>	<u>0</u>	<u>a-b</u>	<u>2.1</u>	<u>-c*d</u>
• Total	TBD	3,400	a-b	NA	Total

- (1) In the event of a decrease in total non-fuel revenue, recoverable non-fuel revenue will be determined as described in paragraph (b).
- (2) In the event of an increase in total non-fuel revenue, the adjusted increase in non-fuel revenue available to reduce the regulatory asset balances related to the RARS mechanism (Section 10d(4) costs) will be determined as described in paragraph (c).

(Continued on [Sheet No. B4-5b](#))

ISSUED JUNE 2, 2008
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN



EFFECTIVE FOR BILLS RENDERED ON
AND AFTER JUNE 1, 2008
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 22, 2008
IN CASE NO. U-15259

Changes made to reflect termination of one month Pension Equalization Mechanism (PEM) Credit

(Continued From [Sheet No. B4-5a](#))

B-4.9 SURCHARGES AND CREDITS APPLICABLE TO DELIVERY SERVICE: (Continued)

(8) SUMMARY OF SURCHARGES AND CREDITS: Summary of surcharges and credits including PSCR, pursuant to sub-rules (1), (2), (3), (4), (5) and (6) of this rule. (Cents per kilowatthour or percent of base bill, unless otherwise noted)

	<u>NDS (1)</u> (¢/kWh)	<u>SBC (3)</u> (¢/kWh)	<u>SBTC (3)</u> (¢/kWh)	<u>CIS</u> (¢/kWh)	<u>RRC (1)</u> (¢/kWh)	<u>Total Delivery Charges</u> (¢/kWh)
Residential						
D1 Residential	0.1234	0.371	0.131	0.05	(0.005)	0.6704
D1a Farm	0.1234	0.371	0.131	0.05	(0.005)	0.6704
D1.1 Int. Space Conditioning	0.1234	0.371	0.131	0.05	(0.005)	0.6704
D1.2 Time-of-Day	0.1234	0.371	0.131	0.05	(0.005)	0.6704
D1.3 Senior Citizen	0.1234	0.371	0.131	0.05	(0.005)	0.6704
D1.4 Time-of-Day	0.1234	0.371	0.131	0.05	(0.005)	0.6704
D1.5 Supp. Space Heating	0.1234	0.371	0.131	0.05	(0.005)	0.6704
D1.7 Time-of-Day	0.1234	0.371	0.131	0.05	(0.005)	0.6704
D2 Space Heating	0.1234	0.371	0.131	0.05	(0.005)	0.6704
D2a Farm	0.1234	0.371	0.131	0.05	(0.005)	0.6704
D5 Water Heating	0.1234	0.371	0.131	0.05	(0.005)	0.6704
D9 Outdoor Lighting	0.331%	see note (2)	see note (2)	NA	(0.07%)	0.6704
Commercial						
D1.1 Int. Space Conditioning	0.1234	0.371	0.131	0.05	(0.005)	0.6704
D1.7 Space Conditioning	0.1234	0.371	0.131	0.05	(0.005)	0.6704
D3 General Service	0.1234	0.371	0.131	0.05	(0.005)	0.6704
D3.1 Unmetered	0.848%	see note (2)	see note (2)	NA	(0.07%)	0.6704
D3.3 Interruptible	0.1234	0.371	0.131	0.05	(0.005)	0.6704
D3.4 Time-of-Day	0.1234	0.371	0.131	0.05	(0.005)	0.6704
D4 Large General Service	0.1234	0.371	0.131	0.05	(0.005)	0.6704
D5 Water Heating	0.1234	0.371	0.131	0.05	(0.005)	0.6704
D9 Outdoor Lighting	0.331%	see note (2)	see note (2)	NA	(0.07%)	0.6704
D10 Schools	0.1234	0.371	0.131	0.05	(0.005)	0.6704
R3 Standby (Secondary)	0.1234	0.371	0.131	0.05	(0.005)	0.6704
R7 Greenhouse Lighting	0.1234	0.371	0.131	0.05	(0.005)	0.6704
R8 Space Conditioning	0.1234	0.371	0.131	0.05	(0.005)	0.6704
Industrial						
D6 Primary Supply	0.1234	0.371	0.131	0.05	(0.005)	0.6704
D6.1 Alternative Primary	0.1234	0.371	0.131	0.05	(0.005)	0.6704
D7 Transitional Primary	0.1234	0.371	0.131	0.05	(0.005)	0.6704
D8 Interruptible Primary	0.1234	0.371	0.131	0.05	(0.005)	0.6704
R1.1 Metal Melting	0.1234	0.371	0.131	0.05	(0.005)	0.6704
R1.2 Electric Process Heating	0.1234	0.371	0.131	0.05	(0.005)	0.6704
R3 Standby (Primary)	0.1234	0.371	0.131	0.05	(0.005)	0.6704
R10 Interruptible Supply	0.1234	0.371	0.131	0.05	(0.005)	0.6704
Governmental						
E1 Streetlighting	0.265%	see note (2)	see note (2)	NA	(0.07%)	0.6704
E1.1 Energy Only	0.1234	0.371	0.131	0.05	(0.005)	0.6704
E2 Traffic Lights	1.427%	see note (2)	see note (2)	NA	(0.07%)	0.6704
E5 Secondary Pumping	0.1234	0.371	0.131	0.05	(0.005)	0.6704
Electric Choice						
EC2 Retail Access	0.1234	0.371	0.131	0.05	(0.005)	0.6704
Special Contracts						
LCC	Per LCC	0.371	0.131	0.05	(0.005)	0.6704

Notes: (1) % applied to \$ amount of base bill; (2) The SBC and SBTC are included in this tariff's base rates and will be separately accounted for by Detroit Edison for remittance to the Detroit Edison Securitization Funding L.L.C.; (3) Pursuant to MPSC Order in Case No. U-12478.

(Continued on [Sheet No. B4-5c](#))

ISSUED JUNE 2, 2008
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission
June 3, 2008
Filed BJ

EFFECTIVE FOR BILLS RENDERED ON
AND AFTER JUNE 1, 2008
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 22, 2008
IN CASE NO. U-15259

(Continued from [Sheet No. B4-5b](#))

B-4.10 TAX ADJUSTMENT AND FRANCHISE FEES

Bills to customers receiving service within the limits of political subdivisions which levy special license fees, franchise fees or any other such fee against the Company or its operation or the production or sale of electric energy shall be increased to offset such special fee or any new or increased special fee, thereby preventing other customers from being compelled to share such local fees.

B-4.11 BILLING ERRORS (R460.126)

- (1) Overcharges and undercharges due to electric meter errors shall be reconciled in accordance with the provisions of R 460.3403 of the regulations governing service supplied by electric utilities, or see [B-6.14](#) of these rules.
- (2) Billing Error –*Non-Residential* R 460.3404.

(Continued on [Sheet No. B4-6](#))

ISSUED MARCH 6, 2008
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission

March 10, 2008

Filed _____


EFFECTIVE FOR SERVICE
RENDERED ON AND AFTER
OCTOBER 26, 2007
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE
COMMISSION DATED OCTOBER 26, 2007
IN CASE NO. U-14851

To reflect changes in Rules governing Consumers Standards and Billing Practices for Residential Service

*Seventh Revised Sheet No. B4-7
Twelfth Revised Sheet No. B4-8
Sixty Fifth Revised Sheet No. B4-9
Thirty-Second Revised Sheet No. B4-10
First Revised Sheet No. B4-10a
Thirty Six Revised Sheet No. B4-11
Twenty-Sixth Revised Sheet No. B4-11a
Sixteenth Revised Sheet No. B4-11b
Fifth Revised Sheet No. B4-11c
Twenty-Third Revised Sheet No. B4-12
Fourth Revised Sheet No. B4-13*

These sheets have been cancelled and are reserved for future use.

Michigan Public Service
Commission

March 10, 2008

Filed RL

**ISSUED MARCH 6, 2008
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN**

**EFFECTIVE FOR SERVICE
RENDERED ON AND AFTER
OCTOBER 26, 2007
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE
COMMISSION DATED OCTOBER 26, 2007
IN CASE NO. U-14851**

RULES AND REGULATIONS-Continued

B-5.1 SERVICE CONNECTIONS:

All wiring upon the customer's premises shall be brought by the customer to any suitable point of service specified by the Company. If the customer wishes a service point other than one specified by the Company, the customer shall pay for any mutually agreed upon extension of the service by a contribution in aid of construction. Only one service connection is installed to a building or group of buildings, including adjacent service areas under a single ownership except where separate service is required to prevent disturbing use of service or where, in the judgment of the Company, additional services are necessary or desirable for operating reasons or for safety requirements. Detailed specifications for service connections will be furnished upon request at any customer business office.

B-5.2 CUSTOMER'S INSTALLATION:

All wiring on the customer's premises shall be installed and maintained in accordance with applicable laws and the rules of the governmental authority having jurisdiction, the National Electrical Code and the rules of the Company.

The use of any part of the Company's distribution system for carrying foreign electric currents or for carrier current transmission or broadcasting is expressly forbidden unless prior written permission has been obtained from the Company.

With the exception of the overhead service entrance cable (if required), the Company's service and equipment ends at the meter. The customer's equipment and wiring begins at the meter and this, in addition to the overhead service entrance cable (if required), is the responsibility of the customer.

The customer shall provide, at a location approved by the Company and free of expense to the Company, a suitable place for the meter or meters and any other supply, protective or control equipment of the Company which may be required in the delivery of the service.

Any inspection provided by The Detroit Edison Company is for the purpose of determining compliance with the technical provisions of Company rules and regulations for service and is, in no way, a guarantee of methods or appliances used by the contractor or the customer, or for the safety of the job.

B-5.3 (1) COMPANY EQUIPMENT ON CUSTOMER'S PROPERTY:

The Company will repair and maintain its own property installed on the premises of the customer. All equipment supplied by the Company shall remain its exclusive property, and the Company shall have the right to remove the same from the premises of the customer at any time after the termination of service for any reason.

Relocation of Company facilities at the request of the customer will be at the customer's expense.

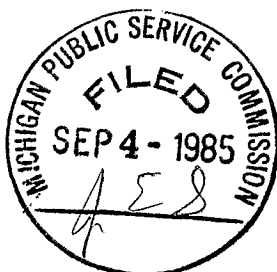
The customer shall be responsible for the safekeeping of the Company's property and shall not permit any person except an authorized Company representative to break any seals upon, or do any work on, any meter or other apparatus of the Company located on the customer's premises.

(Continued on next sheet)

M/65

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RULES AND REGULATIONS-Continued

B-5.3 (cont'd.)

When the Company detects that its regulating, measuring equipment or other facilities have been tampered with, or when fraudulent or unauthorized use of electricity has occurred, a rebuttal presumption arises that the customer or other user has benefitted by such fraudulent or unauthorized use of such tampering. Therefore, that customer or other user is responsible for payment of the reasonable cost of the service used during the period such fraudulent or unauthorized use or tampering occurred or is reasonably assumed to have occurred, and is responsible for the cost of field calls and the cost of making repairs necessitated by such use and/or tampering, plus a charge of fifty dollars (\$50.00) per occurrence.

(2) LOCATION OF METERS:

Meters for all secondary services will, in general, be installed outdoors in a meter enclosure. Meters for other services may be installed outdoors if they are protected from traffic and are readily accessible for reading and testing. Meters which must be protected from inclement weather while being serviced or tested shall be located indoors or in a suitable housing where such work can be performed.

Meters and related equipment located indoors shall be as near as possible to the service entrance, in a clean, dry place, reasonably secure from injury, not subject to vibration, and readily accessible for reading and testing. When ladders are needed to reach the Company's equipment, MIOSHA dictates that the area must be large enough to accommodate their safe use.

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.

(3) CHARGES FOR METER RELOCATION:

The Company may assess the meter relocation charge pursuant to B-2.5(4)(C) in any of the following situations:

- (a) The customer's service had been discontinued by disconnection at the street or pole because access to the meter could not be obtained.
- (b) The customer's service had been otherwise discontinued for nonpayment on 2 occasions.

(Continued on next sheet)

M/66

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RULES AND REGULATIONS—Continued

B-5.3 (cont'd.)

- (c) The Company was refused access to the meter by a responsible adult on 5 separate occasions and the Company complies with all of the following provisions:
- (1) Can produce documentation of written requests for access.
 - (2) Determines that the account is 3 or more months in arrears and not in dispute.
 - (3) Has employed reasonable efforts to secure access to the meter.
- (d) The customer's service has been discontinued due to unauthorized use, diversion, or interference, or the customer acknowledges personal responsibility and is billed for unauthorized use, diversion, or interference. Charges for meter relocation requested pursuant to this rule shall be as specified in the Company's schedule of rates and tariffs.

B-5.4 ACCESS TO PREMISES:

As a condition of taking service, authorized employes and agents of the Company shall have access to the customer's premises at all reasonable hours to install, turn on, disconnect, inspect, read, repair or remove its meters, and to install, operate and maintain other Company property, and to inspect and determine the connected electrical load. Authorized employes and agents shall carry identification furnished by the Company and shall display it upon request.

In a commercial building or apartment complex where the meters are installed on the inside of the building and are located in a locked meter room, a key will be provided to the Company. Failure of the customer to comply to the above may result in termination of service after due notice.

B-5.5 LAMP SUPPLY:

Deleted.

B-5.6 CONJUNCTIONAL SERVICE:

Electricity supplied to a customer is for his exclusive use on the premises to which it is delivered by the Company. In no case may service be shared with another, sold to another or transmitted off the premises without the written permission of the Company. Violation of this rule may result in discontinuation of service.

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RULES AND REGULATIONS--Continued

B-6.0 GENERAL:

The Company complies with all provisions of Order No. U-6400, Rules for Electrical Service, issued by the Michigan Public Service Commission except in the instance of its rules pertaining to electricity meters and certain related transactions with customers. The amended and revised rules relative to these exceptions are stated below.

B-6.1 METER AND ASSOCIATED DEVICE INSPECTIONS AND TESTS:

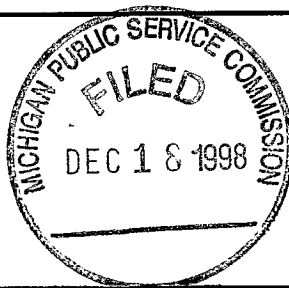
- (a) Every meter and associated device shall be inspected and tested in the meter shop of the Company before being placed in service. The accuracy of each meter shall be certified to be within the tolerances permitted by these rules, except that the Company may rely on the certification of accuracy by the manufacturer on all new self-contained, single-phase meters.
- (b) Meters with associated instrument transformers and phase shifting transformers shall be inspected to determine the proper operation and wiring connections. Inspections shall be made within 60 days after installation by a qualified person who, when possible, should be someone other than the original installer. All self-contained, socket-type meters are excluded from post-installation inspections, except that the original installation shall be inspected when the meter is installed.
- (c) All meters and associated devices shall be tested after they are removed from service unless they are retired because of obsolescence.

B-6.2 METERING ELECTRICAL QUANTITIES:

- (a) All electrical quantities that are to be metered as provided by the tariff shall be metered by commercially acceptable instruments which are owned and maintained by the Company.
- (b) Every reasonable effort shall be made to measure at 1 point all the electrical quantities necessary for billing a customer under a given rate.
- (c) Metering facilities located at any point where energy may flow in either direction and where the quantities measured are used for billing purposes shall consist of meters equipped with ratchets or other devices to prevent reverse registration and shall be so connected as to separately meter the energy flow in each direction.
- (d) Reactive metering shall not be employed for determining the average power factor for billing purposes where energy may flow in either direction or where the customer may generate an appreciable amount of his or her energy requirements at any time, unless suitable directional relays and ratchets are installed to obtain correct registration under all conditions of operation.
- (e) All electric service of the same type rendered under the same rate schedule shall be metered with instruments having like characteristics, except that the Commission

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B-6.2 (cont'd.)

sion may be requested to approve the use of instruments of different types if their use does not result in unreasonable discrimination. Either all of the reactive meters which may run backwards or none of the reactive meters used for measuring reactive power under 1 schedule shall be ratcheted.

B-6.3 **NONDIRECT READING METERS AND METERS OPERATING FROM INSTRUMENT TRANSFORMERS:**

- (a) Meters that are not direct reading and meters operating from instrument transformers shall have the multiplier plainly marked on the dial of the instrument or otherwise suitably marked. All charts and magnetic tapes taken from recording meters shall be marked with the date of the record, the meter number, customer, and chart multiplier.
- (b) The register ratio shall be marked on all meter registers.
- (c) The watt-hour constant for the meter itself shall be shown on all watt-hour meters.

B-6.4 **WATT-HOUR METER REQUIREMENTS:**

- (a) Watt-hour meters that are used for measuring electrical quantities supplied shall meet all of the following requirements:
 - (1) Be of proper design for the circuit on which the meters are used; be in good mechanical and electrical condition; and have adequate insulation, correct internal connections, and correct register.
 - (2) Not creep at no load with all load wires disconnected at a rate of 1 complete revolution of the moving element in 10 minutes when potential is impressed.
 - (3) Be accurate to within plus or minus 1.0%, referred to the portable standard watt-hour meter as a base, at 2 unity power factor loads: light load (l.l.) and heavy load (h.l.). Light load test current for self-contained meters is equal to 10% of the rated test amperes of the meter. Heavy load test current for self-contained meters is between 75% and 100% of the rated test amperes of the meter. Heavy load test current for transformer rated meters is between 75% and 200% of the rated test amperes of the meter. Light load test current for transformer rated meters is between 5% and 10% of the rated test amperes of the meter.
 - (4) Be accurate to within plus or minus 2.0%, referred to the portable standard watt-hour meter as a base, at inductive load (i.l.), approximately 50% lagging power factor. Inductive load test current is approximately equal to heavy load test current.
- (b) Polyphase meters shall have their elements in balance within 2.0% at rated test amperes at unity power factor and at approximately 50% lagging power factor.
- (c) Meters that are used with instrument transformers shall be adjusted so that the overall accuracy of the metering installation meets the requirements of this rule.

(Continued to next sheet)

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B-6.4 (cont'd.)

Meters and associated devices shall be adjusted as close as practical to zero error and within the accuracy limits specified in subrule (a) (3) of this rule.

B-6.5 **DEMAND METERS, REGISTERS, AND ATTACHMENTS; REQUIREMENTS:**

(a) A demand meter, demand register, or demand attachment that is used to measure a customer's service shall meet all of the following requirements:

- (1) Be in good mechanical and electrical condition.
- (2) Have proper constants, indicating scale, contact device, recording tape or chart, and resetting device.
- (3) Not register at no load.
- (4) Be accurate to the following degrees:

a. Curve-drawing meters that record quantity-time curves and integrated-demand meters shall be accurate to within plus or minus 2.0% of full scale throughout their working range. Timing elements measuring specific demand intervals shall be accurate to within plus or minus 2.0%, and the timing element which serves to provide a record of the time of day when the demand occurs shall be accurate to within plus or minus 4 minutes in 24 hours.

b. Lagged-demand meters shall be accurate to within plus or minus 4.0% of full scale at final indication.

B-6.6 **REQUIREMENTS AS TO INSTRUMENT TRANSFORMER:**

(a) Instrument transformers used in conjunction with metering equipment to measure a customer's service shall meet both of the following requirements:

- (1) Be in proper mechanical condition and have satisfactory electrical insulation for the service on which used.
- (2) Have characteristics such that the combined inaccuracies of all transformers supplying 1 or more meters in a given installation will not exceed the percentages listed in the following chart:

<u>100% Power factor</u>		<u>50% Power factor</u>	
<u>10%</u>	<u>100%</u>	<u>10%</u>	<u>100%</u>
<u>Current</u>	<u>Current</u>	<u>Current</u>	<u>Current</u>
1%	.75%	3%	2%

(b) Meters that are used in conjunction with instrument transformers shall be adjusted so that the overall accuracies will come within the limits specified in this part.

(c) Instrument transformers shall be tested with the meter with which they are associated by making an overall test or may be checked separately. If the

(Continued on next sheet)

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RULES AND REGULATIONS--Continued

B-6.6 (cont'd.)

transformers are tested separately, the meters shall also be checked to see that the overall accuracy of the installation is within the prescribed accuracy requirements.

- (d) The results of tests of instrument transformers shall be kept on record and shall be available for use.
- (e) Phase shifting transformers shall have secondary voltages under balanced line voltage conditions within plus or minus 1.0% of the voltage impressed on the primary side of the transformer.

B-6.7 PORTABLE INDICATING VOLTMETERS:

All portable indicating voltmeters that are used for determining the quality of service voltage to customers shall be checked against a suitable secondary reference standard at least once every 6 months. The accuracy of these voltmeters shall be rated so that the error of the indication is not more than plus or minus 1% of full scale. If the portable indicating voltmeter is found to be in error by more than the rated accuracy at commonly used scale deflections, it shall be adjusted.

B-6.8 METER TESTING EQUIPMENT:

- (a) The Company shall maintain sufficient laboratories, meter testing shops, secondary standards, instruments, and facilities to determine the accuracy of all types of meters and measuring devices used by the Company. The Company may, if necessary, have all or part of the required tests made or its portable testing equipment checked by another utility or agency approved by the Commission and having adequate and sufficient testing equipment to comply with these rules.
- (b) At a minimum, the Company shall keep all of the following testing equipment available:
 - (1) One or more portable standard watt-hour meters of a capacity and voltage range adequate to test all watt-hour meters used by the Company.
 - (2) Portable indicating instruments that are necessary to determine the accuracy of all instruments used by the Company.
 - (3) One or more secondary standards to check each of the various types of portable standard watt-hour meters used for testing watt-hour meters. Each secondary standard shall consist of an approved portable standard watt-hour meter kept permanently at 1 point and not used for fieldwork. Standards shall be well compensated for both classes of temperature errors, shall be practically free from errors due to ordinary voltage variations, and shall be free from erratic registration due to any cause.
 - (4) Suitable standards, which are not used for fieldwork, to check portable instruments used in testing.
- (c) The Company shall provide and use primary standards with accuracies traceable to the United States National Institute of Standards and Technology (NIST).

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B-6.9

ACCURACY OF TEST STANDARDS:

- (a) The accuracies of all primary reference standards shall be certified as traceable to the National Institute of Standards and Technology (NIST), either directly or through other recognized standards laboratories. These standards shall have their accuracy certified at the time of purchase. Standard cells shall be intercompared regularly and shall have at least 1 of them checked by a standardizing laboratory at intervals of not more than 2 years. Reference standards of resistance, potentiometers, and volt boxes shall be checked at intervals of not more than 3 years.
- (b) Secondary watthour meter standards shall not be in error by more than plus or minus 0.3% at loads and voltages at which they are to be used, and shall not be used to check or calibrate working standards, unless the secondary standard has been checked and adjusted, if necessary, within the preceding 6 months. Each secondary standard watthour meter shall have calibration data available and shall have a history card.
- (c) Secondary standards indicating instruments shall not be in error by more than plus or minus 0.5% of indication at commonly used scale deflection and shall not be used to check or calibrate portable indicating instruments, unless the secondary standard has been checked and adjusted, if necessary, within the preceding 12 months. A calibration record shall be maintained for each standard.
- (d) Regularly used working portable standard watthour meters shall be compared with a secondary standard at least once a month. Infrequently used working standards shall be compared with a secondary standard before they are used.
- (e) Working portable standard watthour meters shall be adjusted so that their percent registration is within 99.7% and 100.3% at 100% power factor and within 99.5% and 100.5% at 50% lagging power factor at all voltages and loads at which the standard may be used. A history and calibration record shall be kept for each working standard.
- (f) The meter accuracies required in this rule for all primary, secondary, and working standards shall be referred to 100%. Service measuring equipment shall be adjusted to within the accuracies required assuming the portable test equipment to be 100% accurate with the calibration correction taken into consideration.

B-6.10

METERING EQUIPMENT TESTING REQUIREMENTS:

- (a) The testing of any unit of metering equipment shall consist of a comparison of its accuracy with a standard of known accuracy. Units which are not properly connected or which do not meet the accuracy or other requirements of these meter and metering equipment rules at the time of testing shall be reconnected or rebuilt to meet such requirements and shall be adjusted to within the required accuracy and as close to zero error as practicable or else their use shall be discontinued.
- (b) Self-contained, single-phase meters, except combination meters (meters which include demand devices or control devices), shall be in compliance with all of the following requirements:

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RULES AND REGULATIONS--Continued

B-6.10 (cont'd.)

- (1) Be checked for accuracy at unity power factor at the point where a meter is installed, at a central testing point, or in a mobile testing laboratory within a period of from 12 months before to 60 days after a meter is placed in service, except as provided for in B-6.1 (a), and not later than 6 months after 192 months of service for a surge-resistant meter and not later than 6 months after 96 months of service for a non-surge-resistant meter.
- (2) Notwithstanding the provisions of subdivision (1) of this subrule, upon application to the commission and upon receipt of an order granting approval, the testing of self-contained, single-phase meters in service shall be governed by a quality control plan as follows:
 - a. Meters shall be divided into homogeneous groups by manufacturers' types, except as follows:
 1. Certain manufacturers' types shall be further subdivided into separate groups by manufacturers' serial numbers as follows: General Electric type I-30 shall be divided at serial number 20,241,829; Westinghouse type C shall be divided at serial number 16,350,000; Duncan type MF shall be divided at serial number 2,650,000; and Sangamo type J meters shall be divided starting with serial number 10,000,000.
 2. Non-surge-resistant meters that are installed in non-urban areas shall be treated as separate groups by manufacturers' type.
 - b. The meters in each homogeneous group shall then be further subdivided into lots of not less than 301 nor more than 10,000 meters each, except that meters of the most recent design may be combined into the aforementioned lots regardless of manufacturers' type, except that where the number of meters of a single type is 8,001 or more, such number of meters shall be segregated by types for the formation of lots.
 - c. From each assembled lot, a sample of the size specified in table A-2, ANSI/ASQC Z1.9-1980, shall be drawn annually using inspection level IV. The sample shall be drawn at random.
 - d. The meters in each sample shall be tested for accuracy pursuant to the provisions of these rules.
 - e. The test criteria for acceptance or rejection of each lot shall be based on the test at heavy load only and shall be that designated for double specification limits and an acceptable quality level (AQL) that is not higher than 2.50 (normal inspection) as shown in table B-3, ANSI/ASQC Z1.9-1980.
 - f. The necessary calculations shall be made pursuant to Example B-3 of ANSI/ASQC Z1.9-1980. The upper and lower specification limits, U and L, shall be 102% and 98%, respectively.

(Continued on next sheet)

M/72

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RULES AND REGULATIONS--Continued

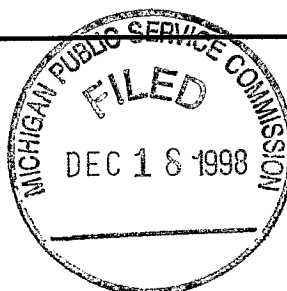
B-6.10 (cont'd.)

- g. A lot shall be rejected if the total estimated percent defective (p), exceeds the appropriate maximum allowable percent defective (m) as determined from table B-3 as specified in paragraph (e) of this subdivision.
 - h. All meters in a rejected lot shall be tested within a maximum period of 48 months and shall be adjusted pursuant to B-6.4 or shall be replaced with meters which meet the requirements of B-6.4.
 - i. During each calendar year, new meter samples shall be drawn as specified in this subdivision from all meters in service, with the exception that lots that have been rejected shall be excluded from the sampling procedure until all meters included in the rejected lots have been tested.
 - j. The Company may elect to adopt a mixed variables-attributes sampling plan as outlined in Section A9 of ANSI/ASQC Z1.9-1980, in which case, a lot that is not in compliance with the acceptability criteria of the variables sampling plan shall be resampled the following year using an attributes sampling plan. If the acceptability criteria of the attributes sampling plan are met, the lot shall be considered acceptable and shall be returned to the variables sampling plan the following year. If the acceptability criteria of the attributes sampling plan are not met, then that lot shall be rejected and all meters in the lot shall be tested and adjusted or replaced within a maximum period of 36 months after the second rejection.
 - k. This plan does not alter the rules under which customers may request special tests of meters.
- (3) Be checked for accuracy in all of the following situations:
- a. When a meter is suspected of being inaccurate or damaged.
 - b. When the accuracy of a meter is questioned by a customer. (See B-6.1)
 - c. Before use if a meter has been inactive for more than 1 year after having been in service.
 - d. When a meter has been removed from service and has not been tested within the previous 48 months.
- (4) Be inspected for mechanical and electrical faults when the accuracy of the device is checked.
- (5) Have the register and the internal connections checked before the meter is first placed in service and when the meter is repaired.
- (6) Have the connections to the customer's circuits checked when the meter is tested on the premises or when removed for testing.
- (7) Be checked for accuracy at 50% power factor when purchased and after rebuilding.
- (8) A meter need not be tested or checked for any reason, except on complaint, if the device was tested, checked, and adjusted, if necessary, within the previous 12 months.
- (c) All single-phase meters that are not included in the provisions of subrule (b) of this rule, together with associated equipment, such as demand devices, control devices, and instrument transformer rated meters, shall be in compliance with all of the following requirements:
- (1) Be checked for accuracy at unity power factor at the point where a meter is installed, at a central testing point, or in a mobile testing laboratory as follows:

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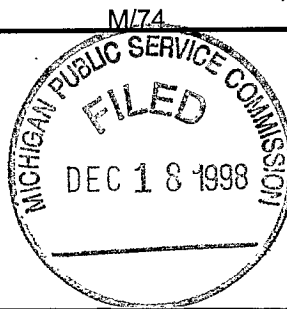
RULES AND REGULATIONS--Continued

B-6.10 (cont'd.)

- a. Within a period of from 12 months before to 60 days after a meter is placed in service, except as provided for in B-6.1 (a).
 - b. Not later than 6 months after 144 months of service for a surge-resistant meter and not later than 6 months after 96 months of service for a non-surge-resistant meter.
 - c. When a meter is suspected of being inaccurate or damaged.
 - d. When the accuracy of a meter is questioned by a customer. (See B-6.10(h))
 - e. Before use when a meter has been inactive for more than 1 year after having been in service.
 - f. When a meter is removed from service and has not been tested within a period equal to 1/2 of the normal test schedule.
- (2) Be inspected for mechanical and electrical faults when the accuracy of the device is checked.
 - (3) Have the register and the internal connections checked before the meter is first placed in service and when the meter is repaired.
 - (4) Have the connections to the customer's circuits checked when the meter is tested on the premises or when removed for testing.
 - (5) Be checked for accuracy at 50% power factor when purchased and after rebuilding.
 - (6) A meter need not be tested or checked for any reason, except on complaint, if the device was tested, checked, and adjusted, if necessary, within the previous 12 months.
- (d) All self-contained, 3-phase meters and associated equipment shall be in compliance with all of the following requirements:
- (1) Be tested for accuracy at unity and 50% power factor as follows:
 - a. Before being placed in service.
 - b. Not later than 6 months after 120 months of service.
 - c. When a meter is suspected of being inaccurate or damaged.
 - d. When the accuracy of a meter is questioned by a customer. (See B-6.1)
 - e. When a meter is removed from service.
 - (2) Be inspected for mechanical and electrical faults when the accuracy is checked.
 - (3) Have the register and internal connections checked before the meter is first installed, when repaired, and when the register is changed.
 - (4) Have the connections to the customer's circuits and multipliers checked when the equipment is tested for accuracy on the customer's premises.
- (e) All transformer-rated, 3-phase meters and associated equipment shall be in compliance with all of the following requirements:
- (1) Be checked for accuracy at unity and 50% power factor as follows:
 - a. Before being placed in service.
 - b. On the customer's premises within 60 days after installation, unless the transformers are in compliance with the specifications outlined in the American National Standards Institute standard ANSI C-57.13 of 1978 (R1987), which is

(Continued on next sheet)

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RULES AND REGULATIONS--Continued

B-6.10 (cont'd.)

adopted by reference in these rules and which is available from the Michigan Public Service Commission, P.O. Box 30221, Lansing, Michigan 48909, at a cost as of the time of adoption of this rule of 5 cents per page, plus \$13.07 per hour of copying or from the American National Standards Institute, 1430 Broadway, New York, NY 10018, at a cost as of the time of adoption of this rule of \$25.00, unless the transformers are of the 0.3 accuracy class, and unless the meter adjustment limits do not exceed plus or minus 1.5% at 50% power factor.

- c. Not later than 6 months after 72 months of service.
 - d. When a meter is suspected of being inaccurate or damaged.
 - e. When the accuracy is questioned by a customer. (See B-6.10(h))
 - f. When a meter is removed from service.
- (2) Be inspected for mechanical and electrical faults when the accuracy is checked.
 - (3) Have the register and internal connections checked before the meter is first placed in service and when the meter is repaired.
 - (4) Have the connections to the customer's circuits and multipliers checked when the equipment is tested for accuracy on the premises or when removed for testing and when instrument transformers are changed.
 - (5) Be checked for accuracy at 50% power factor when purchased and after rebuilding.
- (f) Instrument transformers shall be tested in all of the following situations:
- (1) When first received, unless a transformer is accompanied by a certified test report by the manufacturer.
 - (2) When removed from service.
 - (3) Upon complaint.
 - (4) When there is evidence of damage.
 - (5) When an approved check, such as the variable burden method in the case of current transformers, made when the meter is tested indicates that a quantitative test is required.
- (g) Demand meters shall be in compliance with both of the following requirements:
- (1) Be tested for accuracy in all of the following situations:
 - a. Before a meter is placed in service.
 - b. When an associated meter is tested and the demand meter is a block interval non-recording type or a thermal type.
 - c. After 2 years of service if the meter is of the recording type, but it is not required if the meter is of the pulse-operated type and the demand reading is checked with the kilowatthour reading each billing cycle.
 - d. When a meter is suspected of being inaccurate or damaged.
 - e. When the accuracy is questioned by a customer. (See B-6.10(h))
 - f. When a meter is removed from service.
 - (2) Be inspected for mechanical and electrical faults when a meter is tested in the field or in the meter shop.
 - (3) ANSI/ASQC Z1.9-1980 is adopted by reference in these rules and is available from the Michigan Public Service Commission, P.O. Box 30221, Lansing, Michigan 48909, at a cost as of the time of adoption of this rule of 5 cents per page, plus \$13.07 per hour of copying or from the American National Standards Institute, 1430 Broadway, New York, New York 10018, at a cost as of the time of adoption of this rule of \$25.00.
- (h) Customer-requested meter tests.
- (1) The Company will make a test of any metering installation upon request of

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B-6.10 (cont'd)

the customer if 12 months or more have elapsed since the last test of the meter in the same location. The test will consist of a test for accuracy, a check of the register, and a check of the meter connections on the customer's premises. A fee of \$10.00 will be charged to the customer for all tests of the metering installation requested. If such test reveals meter registration outside of the limits allowed by these rules, the charge will be refunded and a billing adjustment made.

- (2) The customer or his or her representative, may be present when his or her meter is tested.
- (3) A report of the results of the test shall be made to the customer within a reasonable time after the completion of the test, and a record of the report, together with a complete record of each test, shall be kept on file at the office of the Company.

B-6.11 **CHECK OF STANDARDS BY THE COMMISSION:**

- (a) Upon request of the commission, the Company shall submit 1 of its portable standard watt-hour meters and 1 portable indicating voltmeter, ammeter, and wattmeter to a commission-approved standards laboratory for checking of their accuracy.
- (b) The Company shall normally check its own working portable standard watt-hour meters or instruments against primary or secondary standards and shall calibrate these working standards or instruments before they are submitted with a record of such calibration attached to each of the working standards or instruments.

B-6.12 **METERING EQUIPMENT RECORDS:**

- (a) A complete record of the most recent test of all metering equipment shall be maintained. The record shall show all of the following information:
 - (1) Identification and location of unit.
 - (2) Equipment with which the device is associated.
 - (3) The date of test.
 - (4) Reason for the test.
 - (5) Readings before and after the test.
 - (6) A statement as to whether or not the meter creeps and, in case of creeping, the rate.
 - (7) A statement of meter accuracies before and after adjustment sufficiently complete to permit checking of the calculations employed.
 - (8) Indications showing that all required checks have been made.
 - (9) A statement of repairs made, if any.
 - (10) Identification of the testing standard and the person making the test.
- (b) The Company shall also keep a record for each unit of metering equipment which shows all of the following information:
 - (1) When the unit was purchased
 - (2) The unit's cost.
 - (3) The Company's identification.
 - (4) Associated equipment.
 - (5) Essential nameplate date.
 - (6) The date of the last test.

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B-6.12 (cont'd.)

The record shall also show either the present service location with the date of installation or, if removed from service, the service location from which the unit was removed with the date of removal.

B-6.13 **DETERMINATION OF AVERAGE ERROR:**

If a metering installation is found upon any test to be in error by more than 2% at any test load, the average error shall be determined in 1 of the following ways:

- (a) If the metering installation is used to measure a load which has practically constant characteristics, such as a streetlighting load, the meter shall be tested under similar conditions of load and the accuracy of the meter "as found" shall be considered as the average accuracy.
- (b) If a single-phase metering installation is used on a varying load, the average error shall be the weighted algebraic average of the error at light load and the error at heavy load, the latter being given a weighting of 4 times the former.
- (c) If a polyphase metering installation is used on a varying load, the average error shall be the weighted algebraic average of its error at light load given a weighting of 1, its error at heavy load and 100% power factor given a weighting of 4, and at heavy load and 50% lagging power factor given a weighting of 2.
- (d) If a load, other than the light, heavy, and low power factor load specified for routine testing, is more representative of the customary use of the metering equipment, its error at that load shall also be determined. In this case, the average error shall be computed by giving the error at such load and power factor a weighting of 3 and each of the errors at the other loads (light, heavy, and 50% lagging power factor) a weighting of 1. Each error shall be assigned its proper sign.

B-6.14 **ADJUSTMENT OF BILLS BECAUSE OF METER ERRORS:**

- (a) If a meter creeps, if a metering installation is found upon any test to have an average error of more than 2.0%, if a demand metering installation is found upon any test to have an average error of more than 1.0% in addition to the errors allowed under B-6.6, or if a meter registration has been found to be in error due to apparent tampering by person or persons known or unknown, an adjustment of bills for service for the period of inaccuracy shall be made in the case of over-registration and may be made in the case of under-registration.
- (b) The amount of the adjustment shall be calculated on the basis that the metering equipment should be 100% accurate with respect to the testing equipment used to make the test. For single-phase watthour meters, the average accuracy shall be the arithmetic average of the percent registration at light load and at heavy load, giving the heavy load registration a weight of 4 and the light load registration a weight of 1. For polyphase meters, the average accuracy shall be the arithmetic average of the percent registration at light load given a weight of 1 and at heavy load and 100% power factor given a weight of 4 and at heavy load and

(Continued on next sheet)

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B-6.14 (cont'd.)

50% lagging power factor given a weight of 2.

- (c) If the date when the error in registration began can be determined, such date shall be the starting point for determination of the amount of the adjustment and shall be subject to subrule (1) of this rule.
 - (d) If the date when the error in registration began cannot be determined, it shall be assumed that the error has existed for a period equal to 1/2 of the time elapsed since the meter was installed or 1/2 of the time elapsed since the last test, whichever is later, except as otherwise provided in subrule (f) of this rule and subject to subrule (1) of this rule.
 - (e) Recalculation of bills shall be on the basis of the corrected monthly consumption.
 - (f) The error in registration due to creep shall be calculated by timing the rate of creeping and by assuming that this creeping affected the registration of the meter for 25.0% of the time since the meter was installed or since the last test, whichever is later.
 - (g) If the average error cannot be determined by test because of failure of part or all of the metering equipment, it is permissible to use the registration of check metering installations, if any, or to estimate the quantity of energy consumed based on available data. The customer shall be advised of the failure and of the basis for the estimate of the quantity billed. The same periods of error shall be used as explained in this rule.
 - (h) If the recalculated bills indicate that more than \$1.00 is due an existing customer or that \$2.00 is due a person who is no longer a customer of the Company, the full amount of the calculated difference between the amount paid and the recalculated amount shall be refunded.
 - (i) Refunds shall be made to the 2 most recent consumers who received service through the meter found to be in error. In the case of a previous consumer who is no longer a customer of the utility, a notice of the amount due shall be mailed to such previous consumer at his or her last known address, and the Company shall, upon demand made within 3 months thereafter, refund the same.
 - (j) If the recalculation of billing indicates that an amount due the utility is equal to or more than the amounts set forth in subrule (h) of this rule as minimum refunds, the utility may bill the customer for the amount due, subject to subrule (1) of this rule.
 - (k) Each utility may establish a policy whereby the minimum sum above which it will commence billing for amounts due to under-registration is more than the amounts set forth in subrule (h) of this rule as minimum refunds. The minimum sum established in the utility policy shall be applied in all cases of under-registration to determine whether the customer will be billed for the amount due the utility because of under-registration.
- (1) Except in cases of tampering, the following limitations shall apply to the back-

(Continued on next sheet)

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B-6.14 (cont'd.)

billing of residential, commercial, and industrial customers:

- (1) Backbilling of residential customers and commercial customers with single-phase 240 volt meters is limited to the 1-year period immediately preceding the discovery of the error. The customer shall be given a reasonable time in which to pay the amount of the backbilling and service shall not be discontinued during this time for nonpayment of the amount of the backbilling.
- (2) Backbilling of industrial customers and commercial customers not included in subdivision (1) of this subrule is limited to the 1-year period immediately preceding discovery of the error except in instances where the Company has complied with the requirements set forth in these rules governing the frequency and conditions under which a meter shall be tested and the utility could not have detected the error through regular meter readings or the exercise of reasonable diligence in preparing and reviewing a customer's bills and records. In these instances, the Company may backbill a customer for a period of up to 3 years immediately preceding discovery of the error. The customer shall be given a reasonable time in which to pay the amount of the backbilling and service shall not be discontinued during this time for nonpayment of the amount of the backbilling.

B-6.15 **REPORTS TO BE FILED WITH THE COMMISSION:**

- (a) The Company shall file with the commission, within 30 days after the first day of January of each year, a statement certified to by one of its officers that the Company has complied with all of the requirements set forth in these rules relating to meter standardizing equipment.
- (b) For all meters that are not included in B-6.10 (b) (2), the Company shall file with the commission, on or before the first day of April of each year, its annual tabulation of all its prior-to-adjustment meter test results covering the 12-month period ending December 31. The Company shall summarize, by meter type, all individual meters and overall light and heavy load prior-to-adjustment test results at the power factors as required by these rules. The summary shall be divided into heavy load 100% power factor, light load 100% power factor, and heavy load 50% power factor test results and shall also be divided according to the length of meter test period and types of single-phase and polyphase meters. The summary shall show the number of meters or overall tests found within each of the following accuracy classifications:
 - (1) No recording.
 - (2) Creeping.
 - (3) Equal to or less than 94.0%.
 - (4) 94.1 to 96.0%.
 - (5) 96.1 to 97.0%.
 - (6) 97.1 to 98.0%.
 - (7) 98.1 to 99.0%.
 - (8) 99.1 to 100.0%.
 - (9) 100.1 to 101.0%.
 - (10) 101.1 to 102.0%.

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RULES AND REGULATIONS--Continued

B-6.15 (cont'd.)

- (11) 102.1 to 103.0%.
- (12) 103.1 to 104.0%.
- (13) 104.1 to 106.0%.
- (14) Over 106.0%.

When the Company is subject to multiple state jurisdiction, these accuracy classifications may be modified upon approval of the Commission.

(c) For all meters that are included in B-6.10 (b) (2) the Company shall file with the Commission, on or before the first day of April, all of the following:

- (1) A summary of all samples of meter lots that pass the acceptability criterion as set forth in ANSI/ASQC Z1.9-1980, including complete data on the type of meter, number of meters in lot, size of sample, average months in service since last test, and the computed p (total estimated percent defective in lot) and the corresponding M (maximum allowance percent defective) as determined from table B-3 in ANSI/ASQC Z1.9-1980.
- (2) The necessary calculations made pursuant to Example B-3 of ANSI/ASQC Z1.9-1980 shall be retained for each sample drawn. In addition to the actual computation, the data should include the type of meter, number of meters in lot, meter numbers of sample meters, actual prior-to-adjustment test data of each meter tested, and months since last test for each meter in sample. A sample of the aforementioned calculations and data for a lot that passes the acceptability criterion shall be included in the report to the commission.
- (3) A copy of the complete data, as outlined in subdivision (c) of this subrule shall be included for each meter lot that fails to pass the acceptability criteria of the sampling plan employed as set forth in ANSI/ASQC Z1.9-1980.
- (4) A report summarizing the testing of all meters in rejected lots. The heavy load preadjustment tests only shall be recorded and the accuracy classifications as established in subrule (b) of this rule shall be used. Each rejected lot shall be reported separately and shall be separated into groups by the number of months since the last test as follows:
 - a. 0 to 48 months.
 - b. 49 to 72 months.
 - c. 73 to 96 months.
 - d. Over 96 months.

B-6.16 GENERATING AND INTERCHANGE STATION METER TESTS:

- (a) Generating and interchange station and watthour meters shall be tested in conjunction with their associated equipment as follows:
 - (1) At least once every 24 months for generating station meters.
 - (2) At least once every 12 months for interchange meters.
- (b) The accuracy limits for any particular device shall not be greater than the accuracy limits required elsewhere in these rules.

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To reflect changes in Rules governing Consumers Standards and Billing Practices for Residential Service

- B-7.0 UTILITY PROCEDURES (Applicable to Residential customers only) - Rule 460.128 R28**
- B-7.1 COMPLAINT PROCEDURES - Rule 460.129 R29**
- B-7.2 PERSONNEL PROCEDURES REQUIRED - Rule 460.130**
- B-7.3 UTILITY HEARING OFFICERS - Rule 460.152 R52**
- B-7.4 PUBLICATION OF PROCEDURES - Rule 460.131**
- B-7.5 PUBLIC ACCESS TO RULES AND RATES - Rule 460.132**
- B-7.6 REPORTING REQUIREMENTS - Rule 460.133 R33**
- B-7.7 INSPECTION - Rule 460.134 R34**
- B-7.8 CUSTOMER ACCESS TO CONSUMPTION DATA - Rule 460.135 R35**

Michigan Public Service
Commission

March 10, 2008

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**ISSUED MARCH 6, 2008
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS**

DETROIT, MICHIGAN

**EFFECTIVE FOR SERVICE
RENDERED ON AND AFTER
OCTOBER 26, 2007
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE
COMMISSION DATED OCTOBER 26, 2008
IN CASE NO. U-14851**

To reflect changes in Rules governing Consumers Standards and Billing Practices for Residential Service

First Revised Sheet No. B7-2.1

First Revised Sheet No. B7-3

These sheets have been cancelled and are reserved for future use.

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IN CASE NO. U-14851**

To reflect changes in Rules governing Consumers Standards and Billing Practices for Residential Service

- B-8.0 HEARING PROCESS AND PROCEDURE (Applicable to residential customers only.)**
- B-8.1 HEARING - *Rule 460.152***
- B-8.2 COMPLAINTS AND DISPUTED CLAIMS - *Rule 460.151***
- B-8.3 PAYMENT OF AMOUNT NOT IN DISPUTE - *Rule 460.152***
- B-8.4 NOTICE OF HEARING - *Rule 460.153***
- B-8.5 HEARING PROCEDURES - *Rule 460.154***
- B-8.6 SETTLEMENT AGREEMENT - *Rule 460.155***
- B-8.7 DEFAULT OF SETTLEMENT AGREEMENT - *Rule 460.156***
- B-8.8 SAME DISPUTE - *Rule 460.157***

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To reflect changes in Rules governing Consumers Standards and Billing Practices for Residential Service

**Third Revised Sheet No. B8-3
Third Revised Sheet No. B8-4
Second Revised Sheet No. B8-5**

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To reflect changes in Rules governing Consumers Standards and Billing Practices for Residential Service

- B-9.0 COMMISSION APPEAL PROCEDURE - *Rule 460.158***
- B-9.1 INFORMAL APPEAL - *Rule 460.158 R58***
- B-9.2 FILING PROCEDURE - *Rule 460.159 R59***
- B-9.3 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.
- B-9.4 INFORMAL APPEAL PROCEDURE - *Rule 460.160 R60***
- B-9.5 INTERIM DETERMINATIONS - *Rule 460.161 R61***
- B-9.6 APPEAL REVIEW - *Rule 460.162 R62***
- B-9.7 SHUTOFF PENDING DECISION - *Rule 460.163 R63***
- B-9.8 INFORMAL APPEAL DECISION**
Rule 464.164 R64
- B-9.9 FAILURE TO COMPLY**
Rule 460.165 R65
- B-9.10 SAME DISPUTE**
Rule 460.166 R66
- B-9.11 FORMAL APPEAL**
Rule 460.167 R67
- B-9.12 OTHER REMEDIES**
Rule 460.168 R68

ISSUED MARCH 6, 2008
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission

March 10, 2008

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EFFECTIVE FOR SERVICE
RENDERED ON AND AFTER
OCTOBER 26, 2007
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE
COMMISSION DATED OCTOBER 26, 2008
IN CASE NO. U-14851

To reflect changes in Rules governing Consumers Standards and Billing Practices for Residential Service

Second Revised Sheet B9-3

This sheet has been cancelled and is reserved for future use

Michigan Public Service
Commission

March 10, 2008

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D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

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(New sheet reflects adoption of service quality and reliability standards)

RULES AND REGULATIONS--Continued

B-10 – B-14 SERVICE QUALITY AND RELIABILITY STANDARDS FOR ELECTRICAL DISTRIBUTION SYSTEMS:**B-10 R 460.701 Application of rules.****Rule 1.** (1) These rules apply to electric utilities as defined by R 460.702(k).

(2) These rules do not relieve an electric utility that is subject to the jurisdiction of the public service commission from any of its duties under the laws of this state, including all of the requirements of R 460.3101 to R 460.3908.

B-11 UNACCEPTABLE LEVELS OF PERFORMANCE:**B-11.1 R 460.721 Duty to plan to avoid unacceptable levels of performance.****Rule 21.** An electric utility shall plan to operate and maintain its distribution system in a manner that will permit it to provide service to its customers without experiencing an unacceptable level of performance as defined by these rules.**B-11.2 R 460.722 Unacceptable levels of performance during service interruptions.****Rule 22.** It is an unacceptable level of performance for an electric utility to fail to meet any of the following service interruption standards:

- (a) Considering data derived through the amalgamation of data from both normal and catastrophic conditions, an electric utility shall restore service within 36 hours to not less than 90% of its customers experiencing service interruptions.
- (b) Considering data including only catastrophic conditions, an electric utility shall restore service within 60 hours to not less than 90% of its customers experiencing service interruptions.
- (c) Considering data including only normal conditions, an electric utility shall restore service within 8 hours to not less than 90% of its customers experiencing service interruptions.
- (d) Considering data derived through the amalgamation of data from both normal and catastrophic conditions, an electric utility shall not experience 5 or more same circuit repetitive interruptions in a 12-month period on more than 5% of its circuits.

B-11.3 R 460.723 Wire down relief requests.**Rule 23.** (1) It is an unacceptable level of performance for an electric utility to fail to respond to a request for relief of a non-utility employee guarded downed wire at a location in a metropolitan statistical area within 240 minutes after notification at least 90% of the time under all conditions.

(2) It is an unacceptable level of performance for an electric utility to fail to respond to a request for relief of a non-utility employee guarded downed wire at a location in a non-metropolitan statistical area within 360 minutes after notification at least 90% of the time under all conditions .

B-11.4 R 460.724 Unacceptable service quality levels of performance.**Rule 24.** It is an unacceptable level of performance for an electric utility to fail to meet any of the following service quality standards:

- (a) An electric utility shall have an average customer call answer time of less than 90 seconds.
- (b) An electric utility shall have a call blockage factor of 5% or less.
- (c) An electric utility shall have a complaint response factor of 90% or more within 3 business days.
- (d) An electric utility shall have a meter reading factor of 85% or more within the approved period, including customer reads.
- (e) An electric utility shall complete 90% or more of its new service installations within 15 business days.

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RULES AND REGULATIONS--Continued

B-12 RECORDS AND REPORTS:**B-12.1 R 460.731 Deadline for filing annual reports.**

Rule 31. Not more than 120 days after the end of the calendar year in which these rules became effective, an electric utility shall file an annual report with the commission regarding the previous calendar year. For subsequent calendar years, an electric utility shall file its annual report not more than 75 days after the end of the year.

B-12.2 R 460.732 Annual report contents.

Rule 32. The annual report of an electric utility made pursuant to these rules shall contain all of the following information:

(a) The call blockage factor. If the call blockage factor is more than 5%, then the annual report shall contain a detailed explanation of the steps that the electric utility is taking to bring its performance to an acceptable level.

(b) The complaint response factor. If the complaint response factor is less than 90% within 3 business days, then the annual report shall contain a detailed explanation of the steps that the electric utility is taking to bring its performance to an acceptable level.

(c) The average customer call answer time. If the average customer call answer time is 90 seconds or more, then the report shall contain a detailed explanation of the steps that the electric utility is taking to bring its performance to an acceptable level.

(d) The meter-reading factor. If the meter reading factor is less than 85%, then the report shall contain a detailed explanation of the steps that the electric utility is taking to bring its performance to an acceptable level.

(e) The new service installation factor. If the new service installation factor is less than 90% completed within 15 business days, then the report shall contain a detailed explanation of the steps that the electric utility is taking to bring its performance to an acceptable level.

(f) The wire-down relief factor. If the wire-down relief factor is less than 90% within 240 minutes within metropolitan statistical areas or less than 90% within 360 minutes in nonmetropolitan statistical areas, then the report shall contain a detailed explanation of the steps that the electric utility is taking to bring its performance to an acceptable level.

(g) The service restoration factor for all conditions. If the service restoration factor for all conditions is less than 90% of customers restored within 36 hours or less, then the report shall contain a detailed explanation of the steps that the electric utility is taking to bring its performance to an acceptable level.

(h) The service restoration factor for normal conditions. If the service restoration factor for normal conditions is less than 90% of customers restored within 8 hours or less, then the report shall contain a detailed explanation of the steps that the electric utility is taking to bring its performance to an acceptable level.

(i) The service restoration factor for catastrophic conditions. If the service restoration factor for catastrophic conditions is less than 90% of customers restored within 60 hours or less, then the report shall contain a detailed explanation of the steps that the electric utility is taking to bring its performance to an acceptable level.

(j) The same-circuit repetitive interruption factor. If the same-circuit repetitive interruption factor is more than 5% of circuits experiencing 5 or more same-circuit repetitive interruptions within a 12-month period, then the report shall contain a detailed explanation of the steps that the electric utility is taking to bring its performance to an acceptable level.

(k) A description of all catastrophic conditions experienced during the year.

(l) The number and total dollar amount of all customer credits provided during the year, broken down by customer class, for its failure to restore service to customers within 120 hours of an interruption that occurred during the course of catastrophic conditions.

(m) The number and total dollar amount of all customer credits provided during the year, broken down by customer class, for its failure to restore service to customers within 16 hours of an interruption that occurred during normal conditions.

(n) The number and total dollar amount of all customer credits provided during the year, broken down by customer class, for same-circuit repetitive interruptions.

(o) A summary table indicating whether the electric utility complied or failed to comply with each of the standards established by these rules.

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RULES AND REGULATIONS--Continued

B-12.3 R 460.733 Availability of records.

Rule 33. (1) An electric utility shall make available to the commission or its staff, upon request, all records, reports, and other information required to determine compliance with these rules and to permit the commission and its staff to investigate and resolve service quality and reliability issues related to electric distribution service.

(2) An electric utility shall make records, reports, and other information available to the commission or its staff within 5 business days, preferably in an electronic format available through the internet, accessible with standard browser software, identification, and *password* or as soon thereafter as feasible.

B-12.4 R 460.734 Retention of records.

Rule 34. An electric utility shall preserve, in detail, all records required by these rules for the previous 24 months and shall preserve, in summary form, all records for not less than 4 years, unless otherwise ordered by the commission.

B-13 FINANCIAL INCENTIVES AND PENALTIES:**B-13.1 R 460.741 Approval of incentives by the commission.**

Rule 41. (1) The commission may authorize an electric utility to receive a financial incentive if it exceeds all of the service quality and reliability standards adopted by these rules.

(2) A request for approval of an incentive mechanism shall be made in either of the following proceedings and shall be conducted as a contested case under chapter 4 of 1969 PA 306, MCL 24.271 et seq.

(a) A rate case proceeding.

(b) A single-issue proceeding filed specifically to address adoption of an incentive program.

(3) An electric utility shall not file an application seeking approval of an incentive mechanism until it has exceeded all of the service quality and reliability standards adopted by these rules continuously for a period of not less than 12 months.

B-13.2 R 460.742 Criteria for receipt of an incentive.

Rule 42. (1) If an electric utility qualifies for implementation of a previously approved incentive mechanism, it shall file an application seeking authority to implement the incentive mechanism at the same time that it submits the annual report required by R 460.732.

(2) An electric utility shall not apply for a financial incentive approved by the commission unless all of the following criteria were met during the previous 12 months:

(a) All required reports have been filed in a timely manner.

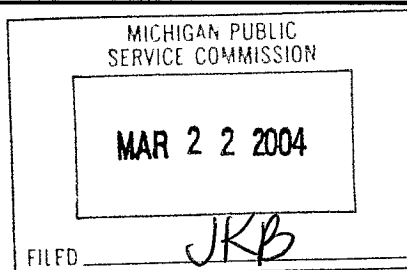
(b) All required reports fully comply with the requirements as determined by the commission.

(c) The electric utility's performance shall have exceeded all of the individual service quality and reliability standards.

(d) The electric utility shall have fully responded to any inquiries about the content of the reports made by the commission or its staff in a timely manner.

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RULES AND REGULATIONS--Continued

B-13.3 R 460.743 Disqualification.

Rule 43. An electric utility shall be disqualified from receiving an incentive if the commission issues an order finding that the electric utility engaged in any type of anticompetitive behavior within the 12-month period preceding the filing of an application pursuant to R 460.742(1).

B-13.4 R 460.744 Penalty for failure to restore service after an interruption due to catastrophic conditions.

Rule 44. Unless an electric utility requests a waiver pursuant to part 5 of these rules, an electric utility that fails to restore service to a customer within 120 hours after an interruption that occurred during the course of catastrophic conditions shall provide to any affected customer that notifies the utility of the interruption with a bill credit on the customer's next bill. The amount of the credit provided to a residential customer shall be the greater of \$25.00 or the customer's monthly customer charge. The amount of the credit provided to any other distribution customer shall be the customer's minimum bill prorated on a daily basis.

B-13.5 R 460.745 Penalty for failure to restore service during normal conditions.

Rule 45. Unless an electric utility requests a waiver pursuant to part 5 of these rules, an electric utility that fails to restore service to a customer within 16 hours after an interruption that occurred during normal conditions shall provide to any affected customer that notifies the utility of the interruption a bill credit on the customer's next bill. The amount of the credit provided to a residential customer shall be the greater of \$25.00 or the customer's monthly customer charge. The amount of the credit provided to any other distribution customer shall be the customer's minimum bill prorated on a daily basis.

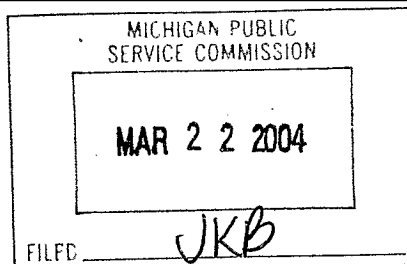
B-13.6 R 460.746 Penalty for repetitive interruptions of the same circuit.

Rule 46. (1) Unless an electric utility requests a waiver pursuant to part 5 of these rules, a customer of an electric utility that experiences and notifies the utility of more than 7 interruptions in a 12-month period due to a same-circuit repetitive interruption shall be entitled to a billing credit on the customer's next bill. The amount of the credit provided to a residential customer shall be the greater of \$25.00 or the customer's monthly customer charge. The amount of the credit provided to any other distribution customer shall be the customer's minimum bill prorated on a daily basis.

(2) Following provision of the billing credit to a customer experiencing more than 7 interruptions in a 12-month period due to a same-circuit repetitive interruption, the electric utility's interruption counter shall be reset to zero to ensure that another credit to the customer will be processed only after the occurrence of another 8 interruptions in a 12-month period.

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RULES AND REGULATIONS--Continued

B-13.7 R 460.747 Multiple billing credits allowed.

Rule 47. An electric utility's obligation to provide a customer with a billing credit for one reason does not excuse the obligation to provide an additional billing credit in the same month for another reason.

B-13.8 R 460.748 Effect in other proceedings.

Rule 48. (1) The payment or nonpayment of a customer credit or an incentive award shall not affect the rights of a customer or an electric utility in any proceeding before the commission or in any action in a court of law.

(2) The finding of a violation of a service quality or reliability standard adopted in these rules shall not affect the rights of a customer or an electric utility in any proceeding before the commission or in any action in a court of law.

B-14 WAIVERS AND EXCEPTIONS:**B-14.1 R 460.751 Waivers and exceptions by electric utilities.**

Rule 51. (1) An electric utility may petition the commission for a permanent or temporary waiver or exception from these rules when specific circumstances beyond the control of the utility render compliance impossible or when compliance would be unduly economically burdensome or technologically infeasible.

(2) An electric utility may request a temporary waiver in order to have sufficient time to implement procedures and systems to comply with these rules.

(3) An electric utility need not meet the standards or grant the credits required by parts 2 and 4 of these rules under any of the following circumstances:

(a) The problem was caused by the customer.

(b) There was a work stoppage or other work action by the electric utility's employees, beyond the control of the utility, that caused a significant reduction in employee hours worked.

(c) The problem was caused by an "act of God." The term "act of God" means an event due to extraordinary natural causes so exceptionally unanticipated and devoid of human agency that reasonable care would not avoid the consequences and includes any of the following:

(i) Flood.

(ii) Tornado.

(iii) Earthquake.

(iv) Fire.

(d) The problem was due to a major system failure attributable to any of the following:

(i) An accident.

(ii) A man-made disaster.

(iii) A terrorist attack.

(iv) An act of war.

B-14.2 PROCEEDINGS FOR WAIVERS AND EXCEPTIONS:

Rule 52. (1) A petition for a waiver of a customer credit provision filed by an electric utility shall be handled as a contested case proceeding. The burden of going forward with a request for a waiver shall be on the electric utility. To be timely, a petition for a waiver of a customer credit provision of these rules shall be filed not more than 14 calendar days after conclusion of the outage giving rise to application of the customer credit provision.

(2) A petition for any other waiver or exception may be granted by the commission without notice or hearing.

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TECHNICAL TERMS

C-1.1 AMPERE (A): The unit of measurement of electric current.

BRITISH THERMAL UNIT (Btu): A measurement of heat commonly used to measure the heat content of fuel, equivalent to the amount of heat required to raise the temperature of one pound of water one degree Fahrenheit.

HERTZ: Cycle per second.

KILOVOLTAMPERE (kVA): The product of volts and amperes, divided by one thousand.

KILOWATT (kW): A unit of electrical power equal to 1,000 watts, equivalent to about 1-1/3 horsepower.

KILOWATTHOUR (kWh): A unit of electrical energy equivalent to the quantity of electrical energy consumed by a 100 watt lamp burning ten hours.

LUMEN: Unit of output of a light source.

MAXIMUM DEMAND OR "DEMAND": The highest quantity of electrical power required, as measured in kilowatts and metered by a demand indicator.

ON-PEAK PERIOD: Daily periods when the demand on the Company's generating system is usually the highest.

OFF-PEAK PERIOD: Daily periods when the demand on the Company's generating system is usually the lowest.

POWER FACTOR: The ratio of watts to the product of volts and amperes.

PRIMARY LATERAL EXTENSION: Distribution line extension from a distribution line or extension and is normally constructed on the customer's property to provide service to a specific premise.

PRIMARY VOLTAGE: Nominal voltages of more than 2,400 volts.

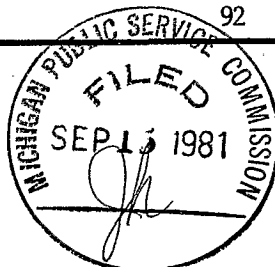
SECONDARY VOLTAGE: Nominal voltages of less than 600 volts.

VOLT (V): A unit of electrical force.

WATT (W): The electrical unit of power or rate of doing work.

Definitions

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DEFINITIONS

C-2.1 DEFINITIONS.

As Used in These Rules:

- (1) "All Conditions" means conditions reflected by data derived through the amalgamation of data from both normal conditions and catastrophic conditions. "All conditions" does not mean only normal conditions or only catastrophic conditions.
- (2) "Answer" means that a utility representative, voice response unit, or automated operator system is ready to render assistance or ready to accept information necessary to process the call. An acknowledgement that the customer is waiting on the line does not constitute an answer.
- (3) "Approved by the Commission" means that a favorable Commission order has been obtained.
- (4) "Billing error" means an undercharge or overcharge that is caused by any of the following: an incorrect actual meter read; an incorrect remote meter read; an incorrect calculation of the applicable rate; an incorrect connection of the meter; an incorrect application of the rate schedule; 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.
- (5) "Billing month" means a utility service consumption period of not less than 26, nor more than 35, days.
- (6) "Call" means a measurable effort by a customer to obtain a telephone connection whether the connection is completed or not.
- (7) "Call blockage factor" means the percentage of calls that do not get answered. The call blockage factor is calculated by multiplying the remainder obtained by subtracting the number of answers from the number of calls by 100, and then dividing that number by the total number of calls.
- (8) "Catastrophic conditions" means either of the following:
 - (a) Severe weather conditions that result in service interruptions for 10% or more of the Company's customers.
 - (b) Events of sufficient magnitude that result in issuance of an official state of emergency declaration by the local, state or federal government.
- (9) "Charges for tariff service" means the rates for tariff service and other charges authorized by the commission as an integral part of utility service.
- (10) "Commission" means the Michigan Public Service Commission.
- (11) "Complaint" means a matter that requires follow-up action or investigation by the utility or the commission to resolve the matter.
- (12) "Complaint and information officer" means a member of the Commission staff who is designated to perform responsibilities in accordance with these rules.
- (13) "Complaint determination" means the written decision of a utility hearing officer with respect to an informal hearing.
- (14) "Complaint response" or "response" means a communication between the utility and the customer that identifies the problem and a solution to the complaint

(Continued on next sheet)

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DEFINITIONS--Continued

C-2.1 (cont'd.)

- (15) "Complaint response factor" means the annual percentage of the complaints forwarded to a utility by the Commission that are responded to within the time period prescribed by these rules.
- (16) "Completion date" means the day on which service at a new installation is permanently energized. The provision of construction power does not affect a determination of the completion date.
- (17) "Customer" means a purchaser of electricity or natural gas that is supplied by the company for residential purposes.
- (18) "Cycle billing" means a system that renders bills for utility service to various customers on different days of a calendar month.
- (19) "Delinquent account" means any charges for utility service that remain unpaid at least five days after the due date.
- (20) "Electric utility" or "utility" means that term as defined in section 2(d) of 1995 PA 30, MCL 460.562 (d).
- (21) "Energy usage" means the consumption of electricity or natural gas.
- (22) "Estimated bill" means a bill for energy usage that is not calculated by employing an actual reading of a meter or other measuring device.
- (23) "In Dispute" means that a matter is the subject of an unresolved disagreement, claim or complaint.
- (24) "Informal appeal" means an appeal of a complaint determination of a utility hearing officer to the Commission Staff.
- (25) "Informal appeal decision" means the written decision of the complaint and information officer with respect to an informal appeal.
- (26) "Inquiry" means a matter that is resolved upon the initial contact between the customer and the utility or the customer and the commission.
- (27) "Interruption" means the full or partial loss of service to 1 or more customers for longer than 5 minutes. The duration of a customer's interruption shall be measured from the time that the Company is notified or otherwise becomes aware of the full or partial loss of service to 1 or more customers for longer than 5 minutes.
- (28) "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.
- (29) "Meter reading factor" means the percentage of meters read within an approved billing period. An approved billing period is a "billing month" within the meaning of R 460.2102 (b) of not less than 26 days, nor more than 35 days, or some other time period approved by the Commission.

(Continued on next sheet)

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DEFINITIONS--Continued

C-2.1 (cont'd.)

- (30) "Metropolitan statistical area" means an area within the state of Michigan identified by the federal office of management and budget on June 30, 1999. A map of the metropolitan statistical areas is attached to the July 11, 2001 order in Case No. U-12270 as exhibit C and appears on the website of the United States department of commerce, economics and statistics administration, bureau of the census at <http://www.census.gov/geo/www/mapGallery/stma99.pdf>.
- (31) "Minimum bill prorated on a daily basis" means the amount that results from dividing the customer's minimum bill amount by the number of days in the billing period and then multiplying that quotient by the number of days during which the customer remained out of service.
- (32) "MISS DIG activities" means the requirements imposed pursuant to 1974 PA 53, as amended, MCL 460.701 et seq.
- (33) "New customer" means a customer who has not received the utility's service within the previous 6 years.
- (34) "New service installation factor" means the percent of new service hookups that are completed within the time period prescribed by these rules, from start date to completion date. New service hookups dependent on the construction of a line extension other than the service line shall be excluded from the calculation of this factor.
- (35) "Normal conditions" means conditions other than catastrophic conditions.
- (36) "Positive identification information" means a social security number and an identification containing a photograph.
- (37) "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.
- (38) "Previous customer" means a customer who has received the company's service within the previous 6 years.
- (39) "Residential service or use" means the provision of or use of electricity or natural gas for residential purposes.
- (40) "Same-circuit repetitive interruption" means a grouping of more than 10 customers on a circuit who experience multiple interruptions under all conditions. At its option, the Company may report on specific identifiable circuit segments rather than whole circuits as long as the criteria for identification of the specific circuit segments are fully explained in the report. If the Company lacks the capability of independently tracking same-circuit repetitive interruption data, then it may rely solely upon notification provided by its customers to report the data to the Commission.
- (41) "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.
- (42) "Service restoration" means that the interruption condition has been corrected and that the interrupted customer or customers have regained the full use of their electric service.

(Continued on next sheet)

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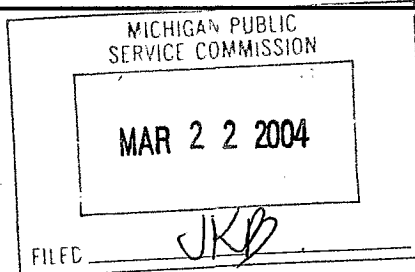
DEFINITIONS--Continued

C-2.1 (cont'd.)

- (43) "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.
- (44) "Shutoff of service" means a discontinuance of utility service that is not voluntarily requested by the customer.
- (45) "Space Heating Season" means the period between December 1 and March 31.
- (46) "Start date for new installations" means the first business day after all of the following events have occurred:
- (1) All rights of way, easements, licenses, and consents have been obtained and are and remain physically unencumbered.
 - (2) All permits have been received.
 - (3) All joint use requirements have been met.
 - (4) All required inspections have been completed.
 - (5) All Commission-approved tariff payments have been received.
 - (6) All MISS DIG activities have been completed.
- (47) "Termination of service" means a cessation of utility service that is voluntarily requested by a customer.
- (48) "Transmit" means to convey or dispatch.
- (49) "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.
- (50) "Wire-down relief factor" means the annual percentage of the non-Company employee guarded downed wires that are relieved by a Company representative within the time period specified in Rule B-11.3.

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authority of order of the Michigan Public
Service Commission dated
January 29, 2004 in Case No. U-12270.

RULES AND REGULATIONS

C-2.2

- (1) **Discrimination prohibited:**
A utility shall not discriminate against or penalize a customer for exercising any right granted by these rules.

- (2) **Additional rules:**
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.

M/94a

Issued: January 4, 1993
By: L. G. Garberding
Executive Vice President
and Chief Financial Officer
2000 Second Avenue
Detroit, Michigan 48226



Effective for service rendered on
and after October 29, 1992, under
authority of order of the Michigan
Public Service Commission dated
October 2, 1992 in Case U-9754.

Rate Schedule No. D1

Residential Service Rate

AVAILABILITY OF SERVICE: Available to customers desiring service for all residential purposes through one meter to a single or double occupancy dwelling unit including farm dwellings. A dwelling unit consists of a kitchen, bathroom, and heating facilities connected on a permanent basis. Service to appurtenant buildings may be taken on the same meter.

This rate is not available for common areas of separately metered apartments and condominium complexes, nor to a separate meter which serves a garage, boat well or other non-dwelling applications.

HOURS OF SERVICE: 24 hours.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, nominally at 120/240 volts, three-wire. Where available, and the demand justifies, three-phase four-wire, Y connected service may be had at 208Y/120 volts nominally.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volts, three-wire service may be taken.

RATE PER DAY:

Full Service Customers:

Power Supply Charges:

*Energy Charges: 4.531¢ per kWh for the first 17 kWh per day
5.941¢ per kWh for excess over 17 kWh per day*

Delivery Charges:

Distribution Charge: 4.284¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9. Applies only to actual consumption and not to the minimum charge.

Retail Access Service Customers:

Delivery Charges:

Distribution Charge: 4.284¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9. Applies only to actual consumption and not to the minimum charge.

BILLING FREQUENCY: Based on a nominal 30-day month. See Schedule Designation B-4.2(1).

MINIMUM CHARGE: *The applicable per kWh charges listed above for 60 kWh.*

CONTRACT TERM: Open order, terminable on three days' notice by either party. Where special services are required, the term will be as specified in the applicable contract rider.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

INTERRUPTIBLE SPACE-CONDITIONING PROVISION: Rate D1.1 is available on an optional basis.

(Continued on [Sheet No. D1a](#))

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN



EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

(Continued From Sheet No. D1)

Rate Schedule No. D1 (Continued)

Residential Service Rate

SUPPLEMENTAL SPACE HEATING PROVISION: Rate D1.5 is available on an optional basis.

WATER HEATING SERVICE: Water heating service is available on an optional basis. See Schedule Designation No. D5.

AUXILIARY POWER PROVISION: Residential customers desiring electric service as an auxiliary source of power for wind or solar powered generating equipment shall take service under this rate schedule under special agreement with the Company.

Parallel operation of private electric generation is not permitted except by written permission of the Company.

The customer having auxiliary power shall pay all direct costs of controlling and protective equipment necessitated by the presence of a source of power on his premises.

The customer shall pay the charges set forth above. The customer may elect to sell energy back to the Company at the rate of 3.1¢ per kWh delivered.

Customers selling energy to the Company shall pay a service charge of 12.4¢ per day in addition to their standard daily billing.

FARM SERVICE PROVISION: "Farm" (Residential) means a single or double occupancy dwelling unit which has produced, or would normally produce, agricultural products of a value of \$5,000 or more annually, as reported on IRS Form 1040, Schedule F.

Customers taking service under this rate schedule who, in addition to normal household requirements, use energy purchased for various farm operations may elect to take service under this provision. To qualify for this provision, a customer must certify in writing that he is an operator of a farm which utilized household electricity for agricultural purposes. Customers who qualify and elect this provision will be charged as follows:

FARM SERVICE PROVISION RATE PER DAY:

Full Service Customers:

Power Supply Charges:

Energy Charge: 5.118¢ per kWh for *all kWh*

Delivery Charges:

Service Charge: 12.4¢ per day for each bill issued

Distribution Charge: 4.102¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9. Applies only to actual consumption and not to the minimum charge.

Retail Access Service Customers:

Delivery Charges:

Service Charge: 12.4¢ per day for each bill issued

Distribution Charge: 4.102¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9. Applies only to actual consumption and not to the minimum charge.

MINIMUM CHARGE: The applicable per kWh charges listed above for 60 kWh plus the service charge.

Michigan Public Service
Commission

March 14, 2006

Filed



ISSUED MARCH 14, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

Rate Schedule No. D1.1

Interruptible Space-Conditioning Service Rate

AVAILABILITY OF SERVICE: Available on an optional basis to Residential and Commercial customers desiring separately metered interruptible service for central air conditioning and/or central heat pump use. Customers who have more than one heat pump and/or air-conditioning unit which serves their business or home, will not be permitted to have only a portion of their load on the rate, all units will be interrupted upon the signal from the Company. Installations must conform with the Company's specifications. This rate is not available to commercial customers being billed on a demand rate.

HOURS OF SERVICE: 24 hours.

HOURS OF INTERRUPTION: Central air-conditioning and/or heat pump units only will be turned off by the Company by remote control on selected days for intervals of no longer than thirty minutes in any hour for no more than eight hours in any one day. Company interruptions may include interruptions for, but not limited to maintaining system integrity, making an emergency purchase, economic reasons, or when available system generation is insufficient to meet anticipated system load.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, nominally at 120/240 volts, three-wire. Where available, and the demand justifies, three-phase four wire, Y connected service may be had at 208Y/120 volts nominally.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volts, three-wire service may be taken.

RATE PER MONTH: For separately metered space-conditioning service.

Full Service Customers:

Residential Power Supply Charges:

Energy Charge (June through October): 3.800¢ per kWh for all kWh
Energy Charge (November through May): 2.000¢ per kWh for all kWh

Residential Delivery Charges:

Service Charge (June through October): \$1.95 per month
Distribution Charge (Year-round): 3.722¢ per kWh for all kWh

Commercial Power Supply Charges:

Energy Charge (June through October): 4.653¢ per kWh for all kWh
Energy Charge (November through May): 2.375¢ per kWh for all kWh

Commercial Delivery Charges:

Service Charge (June through October): \$1.95 per month
Distribution Charge (Year-round): 2.715¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9. Applies only to actual consumption and not to the minimum charge.

(Continued on [Sheet No. D1.1a](#))

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN



EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

(Continued From [Sheet No. D1.1](#))

Rate Schedule No. D1.1 (Continued) Interruptible Space-Conditioning Service Rate

Retail Access Service Customers:

Residential Delivery Charges:

Service Charge June through October): \$1.95 per month
Distribution Charge (Year-round): 3.722¢ per kWh for all kWh

Commercial Delivery Charges:

Service Charge June through October): \$1.95 per month
Distribution Charge (Year-round): 2.414¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.
Applies only to actual consumption and not to the minimum charge.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: The Service Charge.

CONTRACT TERM: Open order, terminable on three days' written notice by either party. Where special services are required, the term will be as specified in the applicable contract rider.

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission

January 31, 2006

Filed _____



EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

Rate Schedule No. D1.2

Residential Time-of-Day Service Rate

AVAILABILITY OF SERVICE: Available on an optional basis to customers whose previous twelve months average usage is equal to or greater than 750 kWh/month, or less at the option of the Company, and desires time of day service for their residential dwelling. Customers who select this rate must qualify for the Residential Service rate D1. This rate is available to no more than **10,000** customers per year.

HOURS OF SERVICE: 24 hours.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, nominally at 120/240 volts, three-wire.

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:

Energy Charge (June through October):

8.750¢ per kWh for all On-peak kWh

2.100¢ per kWh for all Off-peak kWh

Energy Charge (November through May):

7.000¢ per kWh for all On-peak kWh

2.025¢ per kWh for all Off-peak kWh

On-Peak Hours: All kWh used between 1100 and 1900 hours Monday through Friday.

Off-Peak Hours: All other kWh used.

Delivery Charges:

Service Charge: \$19.00 per month

Distribution Charge: 4.359¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:

Service Charge: \$19.00 per month

Distribution Charge: 4.359¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: The Service Charge.

CONTRACT TERM: Commencing upon installation of the Time-of-Day meter, service will be provided for twelve continuous months thereafter, with termination upon mutual consent of the Company and the customer.

WATER HEATING SERVICE: Water heating service is available on an optional basis except that Option II--Combined Meter--Controlled is not available.

INTERRUPTIBLE SPACE CONDITIONING PROVISION: Rate D1.1 is available on an optional basis.

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN



EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

Rate Schedule No. D1.3

Senior Citizen Residential Service Rate

AVAILABILITY OF SERVICE: Available to customers desiring service for all residential purposes through one meter to a single occupancy or individual dwelling unit including farm dwellings. To qualify for this rate, the customer must be at least 62 years of age and head of the household. As a condition of service under this rate, a customer must agree to permit the Company to control some of his appliances, if and when the Company implements such control equipment. Customers with electric water heaters must receive service under controlled water heating rate D5. Residential appliances subject to control may be central air-conditioning, dishwashers and electric clothes dryers. The exact nature and conditions of control of devices, however, shall be those authorized by the Commission pursuant to a subsequent hearings procedure.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, nominally at 120/240 volts, three-wire. Where available, and the demand justifies, three-phase four-wire, Y connected service may be had at 208Y/120 volts nominally.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volt three-wire service may be taken.

RATE PER DAY:

Full Service Customers:

Power Supply Charges:

Energy Charges:

3.131¢ per kWh for the first 10 kWh per day
9.883¢ per kWh for excess over 10 kWh per day

Delivery Charges:

Distribution Charge: 2.706¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9. Applies only to actual consumption and not to the minimum charge.

Retail Access Service Customers:

Delivery Charges:

Distribution Charge: 2.706¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9. Applies only to actual consumption and not to the minimum charge.

SPACE HEATING PROVISION: For customers in which all of the space heating is supplied by electric service through the same meter and is installed on a permanent basis, **usage in excess of 10 kWh per day for the billing months of November through May shall be billed a Power Supply charge of 3.625¢ per kWh and a Distribution charge of 3.399¢ per kWh.**

BILLING FREQUENCY: Based on a nominal 30-day month. See Schedule Designation B-4.2(1).

MINIMUM CHARGE: The applicable per kWh charges listed above for 60 kWh.

CONTRACT TERM: The customer shall contract to remain on this rate for at least 12 months. Terminable on three days' notice after initial 12 months by either party. Where special services are required, the term will be specified in the applicable contract rider.

WATER HEATING SERVICE: See Schedule Designation No. D5.

INTERRUPTIBLE SPACE-CONDITIONING PROVISION: Rate D1.1 is available on an optional basis.

SUPPLEMENTAL SPACE HEATING PROVISION: Rate D1.5 is available on an optional basis.

Michigan Public Service
Commission

March 14, 2006

Filed 

ISSUED MARCH 14, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

Rate Schedule No. D1.4

Optional Residential Service Rate (Time-of-Day Farm and Space Heating Rate)

AVAILABILITY OF SERVICE: Available to customers for full time farm and/or space heating use for individual single family dwellings, or separately metered apartments and in the usual appurtenant buildings served through the residential meters. The customer must contract to receive service under this rate for a minimum of 12 months. To qualify for the farm and/or space heating rate, the prospective customer must conform to the eligibility requirements as established on tariff sheets D1a or D2, respectively.

This rate is available only to installations being served on this rate prior to January 22, 1994.

CURRENT, PHASE AND VOLTAGE: Same as Residential Space Heating Rate D2.

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:

Energy Charge:

On-Peak kWh: 5.428¢ per kWh for all kWh

Off-Peak kWh: 2.236¢ per kWh for all kWh

On-Peak: All kWh used between 1100 and 1900 hours Monday through Friday.

Off-Peak: All other kWh used.

Delivery Charges:

Service Charge: \$6.51 per month

Distribution Charge: 4.008¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:

Service Charge: \$6.51 per month

Distribution Charge: 4.008¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: The Service Charge.

CONTRACT TERM: The customer shall contract to remain on this rate for at least 12 months. Terminable on three days' notice after initial 12 months by either party. Where special services are required, the term will be specified on the applicable contract rider.

WATER HEATING SERVICE: Customers with electric water heating can take water heating service under either Option I or Option III of Water Heating Service Rate D5.

INSULATION STANDARDS FOR ELECTRIC HEATING: See Schedule Designation B-2.12.

Michigan Public Service
Commission

January 31, 2006

Filed



ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

Rate Schedule No. D1.5 Residential Supplemental Space Heating Service Rate

AVAILABILITY OF SERVICE: Available to customers desiring service for Supplemental Electric Space Heating for that portion of the home which is heated with permanently installed separately metered electric space heating unit(s) totaling 3 kW or more. This rate is not available for heat pumps.

HOURS OF SERVICE: 24 hours.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, nominally at 120/240 volts, three-wire. Where available, and the demand justifies, three-phase four-wire, Y connected service may be had at 208Y/120 volts nominally.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volt three-wire service may be taken.

RATE PER MONTH: For separately metered supplemental space heating service.

Full Service Customers:

Power Supply Charges:

Energy Charge: 2.860¢ per kWh for all kWh

Delivery Charges:

Service Charge: \$1.95 per month

Distribution Charge: 3.922¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:

Service Charge: \$1.95 per month

Distribution Charge: 3.922¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: The Service Charge.

CONTRACT TERM: Open order, terminable on three days' written notice by either party. Where special services are required, the term will be as specified in the applicable contract rider.

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission

January 31, 2006

Filed 

EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

Interruptible Heat Pump rate terminated as of January 22, 1994.

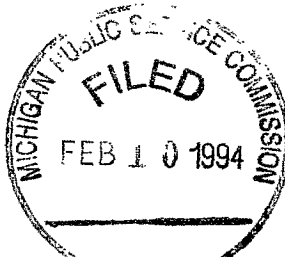
Customers being served on this rate were transferred to Interruptible Space Conditioning Rate D1.1

HOLD FOR FUTURE USE

M/100b

Issued: January 27, 1994
By: L. G. Garberding
Executive Vice President
and Chief Financial Officer
2000 Second Avenue
Detroit, Michigan 48226

Effective for service rendered on
and after January 22, 1994 under
authority of order of the Michigan
Public Service Commission dated
January 21, 1994 in Case U-10102



Rate Schedule No. D1.7

**Space Conditioning, Water Heating,
Electric Vehicle Time-of-day Rate**

AVAILABILITY OF SERVICE: Available on an optional basis to no more than 5,000 residential customers desiring separately metered service for approved space conditioning and/or water heating. The rate will not be administered to discriminate in favor of Company personnel. To qualify for the rate the water heater must be for sanitary purposes with the tank size, design and method of installation approved by the company. The space conditioning equipment must be permanently installed.

This rate is also available to customers desiring service to a separately metered circuit for which the sole purpose is the charging of licensed electric vehicles. Customers taking service under this provision are not subject to the 5,000 customer limitation. A statistically significant sample of participants will receive demand meters.

HOURS OF SERVICE: 24 Hours

CURRENT, PHASE AND VOLTAGE: Same as D1 and D3 Rates

CONTRACT TERM: The customer shall contract to remain on this rate for at least 12 months terminable on three days notice after the initial 12 months by either party. Where special services are required, the term will be specified on the applicable contract rider.

INSULATION STANDARDS FOR ELECTRIC HEATING: See Schedule Designation B-2.12.

MINIMUM CHARGE: The Service Charge.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

RATE PER DAY:

Full Service Customers:

Residential Power Supply Charges:

Energy Charge (June through September):
7.225¢ per kWh for all On-peak kWh
2.000¢ per kWh for all Off-peak kWh

Energy Charge (October through May):

2.000¢ per kWh for all On-peak kWh
2.000¢ per kWh for all Off-peak kWh

On-Peak Hours: All kWh used between **1000** and 1900 hours Monday through Friday.
Off-Peak Hours: All other kWh used.

Residential Delivery Charges:

Service Charge: 6.70¢ per day
Distribution Charge: 1.728¢ per kWh for all kWh

(Continued on [Sheet No. D1.7a](#))

ISSUED FEBRUARY 27, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN



EFFECTIVE FOR BILLS RENDERED ON AND
AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

(Continued From Sheet No. D1.7)

Rate Schedule No. D1.7 (Continued)

**Space Conditioning, Water Heating,
Electric Vehicle Time-of-Day Rate**

Commercial Power Supply Charges:

Energy Charge (June through September):
2.850¢ per kWh for all On-peak kWh
2.000¢ per kWh for all Off-peak kWh

Energy Charge (October through May):

2.000¢ per kWh for all On-peak kWh
2.000¢ per kWh for all Off-peak kWh

On-Peak Hours: All kWh used between 1000 and 1900 hours Monday through Friday.

Off-Peak Hours: All other kWh used.

Commercial Delivery Charges:

Service Charge: 6.70¢ per day
Distribution Charge: 1.875¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Residential Delivery Charges:

Service Charge: 6.70¢ per day
Distribution Charge: 1.728¢ per kWh for all kWh


Commercial Delivery Charges:

Service Charge: 6.70¢ per day
Distribution Charge: 2.564¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

Michigan Public Service
Commission

February 27, 2006

Filed 

ISSUED FEBRUARY 27, 2006
M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

Rate Schedule No. D2

Residential Space Heating Rate

AVAILABILITY OF SERVICE: Available on an optional basis to customers desiring service for all residential purposes to a single or double occupancy dwelling unit including farm dwellings. All of the space heating must be total electric installed on a permanent basis and served through one meter. This rate also available to customers with add-on heat pumps and fossil fuel furnaces served on this rate prior to July 16, 1985. The design and method of installation and control of equipment as adopted to this service are subject to approval by the Company. This rate is also available to customers with electric heat assisted with a renewable heat source.

HOURS OF SERVICE: 24 hours.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, nominally at 120/240 volts, three-wire. Where available, and the demand justifies, three-phase four-wire, Y connected service may be had at 208Y/120 volts nominally. In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volt three-wire service may be taken.

RATE PER DAY:

Full Service Customers:

Power Supply Charges:

<i>Energy Charges: (June through October):</i>	<i>4.531¢ per kWh for the first 17 kWh per day</i>
	<i>5.941¢ per kWh for over 17 kWh per day</i>
<i>Energy Charges: (November through May):</i>	<i>5.298¢ per kWh for the first 20 kWh per day</i>
	<i>3.625¢ per kWh for over 20 kWh per day</i>

Delivery Charges:

<i>Distribution Charge: (June through October):</i>	<i>4.190¢ per kWh for all kWh</i>
<i>Distribution Charge: (November through May):</i>	<i>3.399¢ per kWh for all kWh</i>

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9 Applies only to actual consumption and not to the minimum charge

Retail Access Service customers:

Delivery Charges:

<i>Distribution Charge: (June through October):</i>	<i>4.190¢ per kWh for all kWh</i>
<i>Distribution Charge: (November through May):</i>	<i>3.399¢ per kWh for all kWh</i>

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9. Applies only to actual consumption and not to the minimum charge.

BILLING FREQUENCY: Based on a nominal 30-day month. See Schedule Designation B-4.2(1).

MINIMUM CHARGE: The *applicable per kWh charges listed above for 60 kWh.*

CONTRACT TERM: Open order, terminable on three days' notice by either party. Where special services are required, the term will be as specified in the applicable contract rider.

WATER HEATING SERVICE: Water heating service is available on an optional basis. See Schedule Designation No. D5.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

(Continued on [Sheet No. D2a](#))

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN



EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

(Continued From Sheet No. D2)

Rate Schedule No. D2 (Continued)

Residential Space Heating Rate

INTERRUPTIBLE SPACE-CONDITIONING PROVISION: Rate D1.1 is available on an optional basis.

INSULATION STANDARDS FOR ELECTRIC HEATING: See Schedule Designation B-2.12.

AUXILIARY POWER PROVISION: Residential customers desiring electric service as an auxiliary source of power for wind or solar powered generating equipment shall take service under this rate schedule under special agreement with the Company.

Parallel operation of private electric generation is not permitted except by written permission of the Company.

The customer having auxiliary power shall pay all direct costs of controlling and protective equipment necessitated by the presence of a source of power on his premises.

The customer shall pay the charges set forth above. The customer may elect to sell energy back to the Company at the rate of 3.1¢ per kWh delivered.

Customers selling energy to the Company shall pay a service charge of 12.4¢ per day in addition to their standard monthly billing.

FARM SERVICE PROVISION: Customers taking service under this rate schedule who, in addition to normal household requirements, use energy purchased for various farm operations may elect to take service under this provision. To qualify for this provision, a customer must certify in writing that he is an operator of a farm which utilized household electricity for agricultural purposes. Customers who qualify and elect this provision will be charged **as follows:**

FARM SERVICE PROVISION RATE PER DAY:

Full Service Customers:

Power Supply Charges:

Energy Charge: (June through October): 5.118¢ per kWh for all kWh

Energy Charge: (November through May): 5.118¢ per kWh for the first 20 kWh per day
4.465¢ per kWh for over 20 kWh per day

Delivery Charges:

Service Charge: 12.4¢ per day for each bill issued

Distribution Charge: (June through October): 4.102¢ per kWh **for all kWh**

Distribution Charges: (November through May): 4.102¢ per kWh for the first 20 kWh per day
2.330¢ per kWh for over 20 kWh per day

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:

Service Charge: 12.4¢ per day for each bill issued

Distribution Charge: (June through October): 4.102¢ per kWh for all kWh

Distribution Charges: (November through May): 4.102¢ per kWh for the first 20 kWh per day
2.330¢ per kWh for over 20 kWh per day

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

MINIMUM CHARGE: The applicable per kWh charges listed above for 60 kWh plus the service charge.

ISSUED MARCH 14, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN



EFFECTIVE FOR BILLS RENDERED ON AND
AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

Interruptible Residential Space Heating rate terminated as of January 22, 1994.

Customers being served on this rate were transferred to
Interruptible Space Conditioning Rate D1.1

HOLD FOR FUTURE USE

M/103

Issued: January 27, 1994
By: L. G. Garberding
Executive Vice President
and Chief Financial Officer
2000 Second Avenue
Detroit, Michigan 48226



Effective for service rendered on
and after January 22, 1994 under
authority of order of the Michigan
Public Service Commission dated
January 21, 1994 in Case U-10102

Rate Schedule No. D3

General Service Rate

AVAILABILITY OF SERVICE: Available to customers desiring service for any purpose, except that this rate is not available for service in conjunction with the Large General Service Rate. At the Company's option, service may be available to loads in excess of 1000 kW for situations where significant modifications to service facilities are not required to serve the excess load. Effective May 27, 1981, this rate is not available to customers desiring service through one meter for residential purposes to a single or double occupancy dwelling unit.

HOURS OF SERVICE: 24 hours.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, nominally at 120/240 volts, three-wire; or three-phase four-wire, Y connected at 208Y/120 volts; or under certain conditions three-phase four-wire, Y connected at 480Y/277 volts.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volts, single-phase three-wire; or 208Y/120 volts, three-phase four-wire service may be taken.

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:

Energy Charge: 4.935¢ per kWh for all kWh

Delivery Charges:

Service Charge: \$8.78 per month

Distribution Charge: 3.993¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:

Service Charge: \$8.78 per month

Distribution Charge: 2.914¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: The Service Charge.

CONTRACT TERM: Open order, terminable on three days' written notice by either party. Where special services are required, or where the investment to serve is out of proportion to the revenue derived therefrom, the term will be as specified in the applicable contract rider.

WATER HEATING SERVICE: Water heating service is available on an optional basis. See Schedule Designation No. D5.

INTERRUPTIBLE SPACE-CONDITIONING PROVISION: Rate D1.1 is available for commercial space-conditioning use. This provision is applicable to central air-conditioning and heat pump use. All other provisions of D3 shall apply.

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN



EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

Rate Schedule No. D3.1

Unmetered General Service Rate

AVAILABILITY OF SERVICE: Available at the option of the Company to customers for loads that can be readily calculated and are impractical to meter.

HOURS OF SERVICE: 24 hours.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, nominally at 120/240 volts, three-wire; or three-phase four-wire, Y connected at 208Y/120 volts; or under certain conditions three-phase four-wire, Y connected at 480Y/277 volts.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volts, three-wire; or 208Y/120 volts, three-phase four-wire service may be taken.

SERVICE CONNECTIONS: The customer is to furnish and maintain all necessary wiring and equipment, or reimburse the Company therefore. Connections are to be brought to the Company's underground or overhead lines by the customer as directed by the Company, and the final connections to the Company's line are to be made by the Company.

Conversion and/or relocation of existing facilities must be paid for by the customer, except when initiated by the Company. The detailed provisions and schedule of such charges will be quoted upon request.

RATE: 3.79¢ per month per Watt of the total connected load in service for each customer. Loads operated cyclically will be prorated. This rate is based on 350 hours per month. Proration of cyclical loads will not apply when hours of operation are within 10% of base. Proration may either increase or decrease connected load.

The Company may, at its option, install meters and apply a standard metered rate schedule applicable to the service.

Surcharges and Credits: *As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.*

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: \$3.00 per month.

CONTRACT TERM: Open order on a month-to-month basis.

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN



EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

EXPERIMENTAL TIME-OF-DAY
GENERAL SERVICE RATE

THIS RATE IS CANCELLED

M/106

Issued: August 15, 1985
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226



Effective on service rendered on
and after July 16, 1985, under
authority of Order of the Michigan
Public Service Commission dated
July 16, 1985 in Case U-7660.

Rate Schedule No. D3.3

Interruptible General Service Rate

AVAILABILITY OF SERVICE: Available to no more than 100 customers desiring interruptible service in conjunction with taken service under the general service rate. Service to interruptible load shall be taken through separately metered circuits and permanently wired. The design and method of installation for application of this rate shall be subject to the approval of the Company. Service to interruptible load may not be transferred to firm service circuits to avoid interruption. This rate is not available for loads that are primarily off-peak, such as outdoor lighting.

HOURS OF SERVICE: 24 hours except as described below.

HOURS OF INTERRUPTION: All electric power delivered hereunder shall be subject to interruption by the Company, by remote control signal. Company interruptions may include interruptions for, but not limited to, maintaining system integrity, making an emergency purchase, economic reasons, or when available system generation is insufficient to meet anticipated system load.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, nominally at 120/240 volts, three-wire; or three-phase four-wire, Y connected at 208Y/120 volts; or under certain conditions three-phase four-wire, Y connected at 480Y/277 volts.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volts, single-phase three-wire; or 208Y/120 volts, three-phase four-wire service may be taken.

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:
Energy Charge: 3.911¢ per kWh for all kWh

Delivery Charges:
Service Charge: \$8.78 per month
Distribution Charge: 3.163¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:
Service Charge: \$8.78 per month
Distribution Charge: 2.414¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: The Service Charge.

CONTRACT TERM: Open order, terminable on three days' written notice by either party. However, where special services are required or where the investment to serve is out of proportion to the revenue derived there from, the contract term will be as specified in the applicable contract rider or Extension of Service Agreement.

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission
January 31, 2006
Filed 

EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

Rate Schedule No. D3.4

Optional Time-of-Day General Service Rate

AVAILABILITY OF SERVICE: Available to customers desiring service for any purpose for the entire electrical requirements at a location. Only open to customers whose energy consumption is equal to or greater than 25,000 kWh per month for three consecutive months, and otherwise qualify for the General Service Rate D3.

HOURS OF SERVICE: 24 hours.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, nominally at 120/240 volts, three-wire; or three-phase four-wire, Y connected at 208Y/120 volts; or under certain conditions three-phase four-wire, Y connected at 480Y/277 volts.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volts, three-wire or 208Y/120 volts, three-phase four-wire service may be taken.

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:

Energy Charge: 11.366¢ per kWh for all On-peak kWh
3.766¢ per kWh for all Off-peak kWh

On-Peak Hours: All kWh used between 1100 and 1900 hours Monday through Friday.
Off-Peak Hours: All other kWh used.

Delivery Charges:

Service Charge: \$12.95 per month
Distribution Charge: 3.804¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:

Service Charge: \$12.95 per month
Distribution Charge: 2.914¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: The Service Charge.

CONTRACT TERM: One year under written contract and month-to-month thereafter. This rate is experimental in nature and may be cancelled at either the completion of the first year of the contract or upon one month's notice thereafter, by either party.

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission
January 31, 2006
Filed 

EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

Rate Schedule No. D4

Large General Service Rate

AVAILABILITY OF SERVICE: Available to customers desiring service for any purpose, except that this rate is not available for service in conjunction with the General Service Rate.

Effective May 27, 1981, this rate is not available to customers desiring service through one meter for residential purposes to a single or double occupancy dwelling unit.

HOURS OF SERVICE: 24 hours.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, nominally at 120/240 volts, three-wire; or three-phase four-wire, Y connected at 208Y/120 volts; or under certain conditions three-phase four-wire, Y connected at 480Y/277 volts.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volts, single-phase three-wire; or 208Y/120 volts, three-phase four-wire service may be taken.

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:

Demand Charge: **\$3.50 per kW applied to the Monthly Billing Demand**
Energy Charges: **4.243¢ per kWh for the first 200 kWh per kW of billing demand**
3.253¢ per kWh for the excess

Delivery Charges:

Service Charge: **\$13.67 per month**
Distribution Demand Charge: **\$7.45 per kW applied to the Monthly Billing Demand**
Distribution Energy Charge: **1.731¢ per kWh for all kWh**

Surcharges and Credits: **As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.**

Retail Access Service Customers:

Delivery Charges:

Service Charge: **\$13.67 per month**
Distribution Demand Charge: **\$7.45 per kW applied to the Monthly Billing Demand**

Surcharges and Credits: **As approved by the Commission. See Schedule Designation B-4.9.**

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: Service Charge plus **all applicable** demand charges.

MONTHLY BILLING DEMAND: Is the greatest of the following:

- (a) The highest single reading of the demand meter during the billing period.
- (b) 5 kW.
- (c) 65% of the highest metered billing demand occurring during the billing months of June through October established during the preceding eleven billing months.

Demand readings shall be rounded to the nearest whole integer.

For customers who guarantee a minimum billing demand of 100 kW, the monthly billing demand in part (a) above shall be the highest 30-minute reading of the demand meter during on-peak hours. (See Rule B-4.4, Schedule of on-peak hours.) If the highest 30-minute demand occurs during off-peak hours, then the monthly billing demand shall be the on-peak demand plus one-third of the difference between the on-peak and off-peak maximum demands occurring during the same period.

(Continued on [Sheet No. D4a](#))

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission

January 31, 2006

Filed 

EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

(Continued From [Sheet No. D4](#))

Rate Schedule No. D4 (Continued)

Large General Service Rate

EXPERIMENTAL LOAD AGGREGATION PROVISION: The provision is available to Rate Schedule No. D4 and Rate Schedule No. D6 customers with at least 7 locations who desire for power supply billing purposes, to aggregate their power supply billing demands. The minimum load per customer is 5,000 kilowatts and the maximum allowed load is 40,000 kilowatts. The total capacity served under this provision is limited to 125,000 kilowatts in total for Rates D4 and D6, available on a first-come, first-served basis. Interval Demand Meters are required for service under this provision. Meter reading will be accomplished electronically through Customer-provided telecommunication links or other electronic data methods able to provide the Company with the metering data necessary to determine the aggregated demands for billing purposes. Customers requiring the installation of an interval demand meter and/or the communication link will be responsible for the costs associated with the required metering equipment, its installation cost, and the costs associated with the communication link.

This provision will continue until *the Commission issues its final order in MPSC Case No. U-15244.*

CONTRACT TERM: Open order, terminable on three days' written notice by either party. Where special services are required, or where the investment to serve is out of proportion to the revenue obtainable therefrom, the term will be as specified in the applicable contract rider.

WATER HEATING SERVICE: Water heating service is available on a separate meter basis. See Options I and III, [Schedule Designation No. D5](#).

Michigan Public Service
Commission

January 10, 2008

Filed RJ

ISSUED JANUARY 9, 2008
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER DECEMBER 4, 2007 UNDER
AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 4, 2007
IN CASE NO. U-15244

WATER HEATING SERVICE RATE

AVAILABILITY OF SERVICE: Available to customers using hot water for sanitary purposes** and taking service under Residential and General Service Rate Schedules. Options I and III are also available to customers with solar assisted hot water heaters. Company approved waste heat reclamation systems and heat pump water heaters when used in conjunction with an approved electric water heater are also acceptable for use on Option I or III.

Option I: Available to customers who desire controlled water heating service to all of the heating elements of electric water heaters, the design and method of installation of which are approved by the Company as adapted to this service, taken through a separately metered circuit to which no other load except water heating may be connected.

Option II: Available to customers who desire controlled water heating service to single tank installations of 30 through 120 gallon tank capacity for residential customers, and 40 through 120 gallon tank capacity for commercial customers, the design and method of installation of which are approved by the Company as adapted to this service. This service may be taken combined with normal load through the regular meter with only the lower element controlled. NOT AVAILABLE FOR NEW INSTALLATIONS.

Option III: Available to customers who desire uncontrolled water heating service to installations, the design and method of which are approved by the Company as adapted to this service, taken through a separately metered circuit to which no other load except water heating may be connected.

HOURS OF SERVICE: The daily use of all controlled water heating service will be controlled by a timer or other monitoring device. Control of service shall not exceed 4 hours per day, said hours to be established from time to time by the Company.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, nominally at 240 volts, three-wire, except that, in certain city districts, alternating current service at 208 volts, nominal, three-wire, or three-phase at the option of the Company.

(Continued on next sheet)

**Other uses subject to the approval of the Company.

M/111

Issued: August 15, 1985
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226

Effective on service rendered on and after July 16, 1985, under authority of Order of the Michigan Public Service Commission dated July 16, 1985 in Case U-7660.



(Continued From [Sheet No. D5](#))

Rate Schedule No. D5 (Continued)

Water Heating Service Rate

RATE PER MONTH:

Option I – Separate Meter – Controlled

Full Service Customers:

Residential Power Supply Charges:

Energy Charge: 2.000¢ per kWh for all kWh

Residential Delivery Charges:

Service Charge: \$1.95 per month

Distribution Charge: 2.756¢ per kWh for all kWh

Commercial Power Supply Charges:

Energy Charge: 2.325¢ per kWh for all kWh

Commercial Delivery Charges:

Service Charge: \$1.95 per month

Distribution Charge: 2.438¢ per kWh for all kWh

Retail Access Service Customers:

Residential Delivery Charges:

Service Charge: \$1.95 per month

Distribution Charge: 2.756¢ per kWh for all kWh

Commercial Delivery Charges:

Service Charge: \$1.95 per month

Distribution Charge: 2.414¢ per kWh for all kWh

Option II – Combined Meter – Controlled

Full Service Customers:

Residential: **A Power Supply Charge of 2.000¢ per kWh and a Delivery Distribution Charge of 2.756¢ per kWh** shall apply to 10 kWh per day, but not to the first 7 kWh per day which will be billed on the applicable rate schedule.

Commercial: **A Power Supply Charge of 2.325¢ per kWh and a Delivery Distribution Charge of 2.438¢ per kWh** shall apply to 10 kWh per day, but not to the first 7 kWh per day which will be billed on the applicable rate schedule. However, for customers being billed on the General Service Rate D3, a block of 300 kWh per month will apply, but not to the first 210 kWh per month.

Retail Access Service Customers:

Residential: **A Delivery Distribution Charge of 2.756¢ per kWh** shall apply to 10 kWh per day, but not to the first 7 kWh per day which will be billed on the applicable rate schedule.

Commercial: **A Delivery Distribution Charge of 2.438¢ per kWh** shall apply to 10 kWh per day, but not to the first 7 kWh per day which will be billed on the applicable rate schedule. However, for customers being billed on the General Service Rate D3, a block of 300 kWh per month will apply, but not to the first 210 kWh per month.

(Continued on [Sheet No. D5b](#))

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN



EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

(Continued From Sheet No. D5a)

Rate Schedule No. D5 (Continued)

Water Heating Service Rate

Option III – Separate Meter – Uncontrolled

Full Service Customers:

Residential Power Supply Charges:

Energy Charge: 3.400¢ per kWh for all kWh

Residential Delivery Charges:

Service Charge: \$1.95 per month

Distribution Charge: 2.756¢ per kWh for all kWh

Commercial Power Supply Charges:

Energy Charge: 4.500¢ per kWh for all kWh

Commercial Delivery Charges:

Service Charge: \$1.95 per month

Distribution Charge: 2.438¢ per kWh for all kWh

Retail Access Service Customers:

Residential Delivery Charges:

Service Charge: \$1.95 per month

Distribution Charge: 2.756¢ per kWh for all kWh

Commercial Delivery Charges:

Service Charge: \$1.95 per month

Distribution Charge: 2.414¢ per kWh for all kWh

SURCHARGES AND CREDITS: As approved by the Commission. Power Supply Charges are subject to Schedule Designation B4.8. Delivery Charges are subject to Schedule Designation B4-9.

CONTRACT TERM: Open order, terminable or three days' notice by either party. Where special services are required, the term will be as specified in the applicable contract rider.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: The Service Charge.

WATER HEATER REQUIREMENTS FOR WATER HEATER RATE APPLICATION:

Residential Service

<u>Rate Option</u>	<u>Minimum Tank Capacity*</u>	<u>Maximum Total Connected Load**</u>
1 and 3	30 gallons	5.5 kW

Commercial Service

<u>Rate Option</u>	<u>Minimum Tank Capacity*</u>	<u>Maximum Total Connected Load**</u>
1 and 3	2 gallons per kW of total connected load 40 gallon minimum	Controlled by minimum tank capacity requirements

*No limitation to number of tanks

**Single or multi-element

Rate Option 2 - Residential and Commercial (Not available for new installations)

Requirements

- 40 Gallon Minimum (Commercial), 30 gallon minimum (Residential)
- One Tank Only
- 5.5 kW Maximum Total Connected Load
- No More than 2 Elements

Michigan Public Service
 Commission
 January 31, 2006
 Filed 

ISSUED JANUARY 23, 2006
 M.E. CHAMPLEY
 SENIOR VICE PRESIDENT
 REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON
 AND AFTER FEBRUARY 1, 2006
 UNDER AUTHORITY OF ORDER OF THE
 MICHIGAN PUBLIC SERVICE COMMISSION
 DATED DECEMBER 22, 2005
 IN CASE NO. U-14399

Rate Schedule No. D6

Primary Supply Rate

AVAILABILITY OF SERVICE: Available to customers desiring service at primary, sub-transmission, or transmission voltage who contract for a specified capacity of not less than 50 kilowatts at a single location.

HOURS OF SERVICE: 24 hours, subject to interruption by agreement, or by advance notice.

CURRENT, PHASE AND VOLTAGE: Alternating current, three-phase, nominally at 4,800, 13,200, 24,000, 41,570 or 120,000 volts at the option of the Company.

CONTRACT CAPACITY: Customers shall contract for a specified capacity in kilowatts sufficient to meet normal maximum requirements but not less than 50 kilowatts. The Company undertakes to provide the necessary facilities for a supply of electric power from its primary distribution system at the contract capacity. Any single reading of the demand meter in any month that exceeds the contract capacity then in effect shall become the new contract capacity. The contract capacity for customers served at more than one voltage level shall be the sum of the contract capacities established for each voltage level.

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:

Demand Charge: \$10.93 per kW of on-peak billing demand

Energy Charges: 2.364¢ per kWh for all on-peak kWh
2.064¢ per kWh for all off-peak kWh

Voltage Level Discount:

0.15¢ per kWh at transmission level

0.10¢ per kWh at subtransmission level

Delivery Charges:

Service Charge: \$275 per month

Distribution Charges:

For primary service (less than 24 kV) \$4.55 per kW of maximum demand and 0.703¢ per kWh for all energy delivered.

For service at subtransmission voltage (24 to 41.6 kV) \$3.45 per kW of maximum demand and 0.703¢ per kWh for all energy delivered.

For service at transmission voltage (120 kV and above) \$2.60 per kW of maximum demand and 0.703 ¢ per kWh for all energy delivered.

Substation Credit: Available to customers where service at sub-transmission voltage level (24 to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of \$.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of .040¢ per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges And Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

(Continued on [Sheet No. D6a](#))

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission
January 31, 2006
Filed _____


EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

(Continued From Sheet No. D6)

Rate Schedule No. D6 (Continued)

Primary Supply Rate

Retail Access Service Customers:

Delivery Charges:

Service Charge: \$275 per month

Distribution Charges:

For primary service (less than 24 kV) \$3.20 per kW of maximum demand.

For service at subtransmission voltage (24 to 41.6 kV) \$1.20 per kW of maximum demand.

For service at transmission voltage (120 kV and above) \$0.80 per kW of maximum demand.

Substation Credit: Available to customers where service at sub-transmission voltage level (24 to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of \$.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of .040¢ per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges And Credits: As approved by the Commission. See Schedule Designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

DEFINITION OF CUSTOMER VOLTAGE LEVEL: See Schedule Designation B-4.6.

MONTHLY ON-PEAK BILLING DEMAND: The monthly on-peak billing demand shall be the single highest 30-minute integrated reading of the demand meter during the on-peak hours of the billing period. The monthly on-peak billing demand will not be less than 65% of the highest monthly on-peak metered billing demand during the billing months of June, July, August, September, and October of the preceding eleven billing months, nor less than 50 kilowatts.

EXPERIMENTAL LOAD AGGREGATION PROVISION: The provision is available to Rate Schedule No. D4 and Rate Schedule No. D6 customers with at least 7 locations who desire for power supply billing purposes, to aggregate their power supply billing demands. The minimum load per customer is 5,000 kilowatts and the maximum allowed load is 40,000 kilowatts. The total capacity served under this provision is limited to 125,000 kilowatts in total for Rates D4 and D6, available on a first-come, first-served basis. Interval Demand Meters are required for service under this provision. Meter reading will be accomplished electronically through Customer-provided telecommunication links or other electronic data methods able to provide the Company with the metering data necessary to determine the aggregated demands for billing purposes. Customers requiring the installation of an interval demand meter and/or the communication link will be responsible for the costs associated with the required metering equipment, its installation cost, and the costs associated with the communication link.

This provision will continue until *the Commission issues its final order in MPSC Case No. U-15244.*

MAXIMUM DEMAND: The maximum demand shall be the highest 30-minute demand created during the previous 12 billing months, including the current month but not less than 50% of contract capacity. This clause is applicable to each voltage level served.

MINIMUM CHARGE: All applicable demand charges plus the service charge.

SCHEDULE OF ON-PEAK HOURS: See Schedule Designation B-4.4.

Michigan Public Service
Commission

January 10, 2008

Filed RJ

(Continued on Sheet No. D6b)

ISSUED JANUARY 9, 2008
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER DECEMBER 4, 2007 UNDER
AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 4, 2007
IN CASE NO. U-15244

(Continued From Sheet No. D6a)

Rate Schedule No. D6 (Continued)

Primary Supply Rate

POWER FACTOR CLAUSE:

Full Service Customers:

The rates and charges under this tariff are based on the customer maintaining a power factor of not less than 85% lagging. Any power factor less than 70% will not be permitted and the customer will be required to install at his own expense such corrective equipment as may be necessary to improve power factor. A penalty will be applied to the total amount of the monthly billing for electric energy for power factor below 85% lagging in accordance with the table in Power Factor Determination, Schedule Designation B-4.5. The Power Factor Clause shall not be applied to the on-peak billing demand ratchet nor to the minimum contract demand, but will be applied to metered quantities.

Retail Access Service Customers:

A power factor of less than 70% is not permitted and necessary corrective equipment must be installed by the Customer to correct to a minimum level of 70%. Power factor and excess Reactive Demand charges will be calculated at each Customer location at the time of the Location's single highest 30-minute integrated kW reading of the Interval Demand Meter during the on-peak hours of the billing period, which are those hours from 7 a.m. until 11 p.m. consistent with the ITC Open Access Transmission Tariff. Excess Reactive Demand is any Reactive Demand resulting from operations below 80% power factor. A monthly charge of \$3.50/kVAR will be applied to excess Reactive Demand.

SPECIAL TERMS AND CONDITIONS: The contract capacity however established shall not be decreased during the term of the contract and subsequent renewal periods as long as service is required unless there is a specific reduction in connected load.

Customer-owned equipment must be operated so that voltage fluctuations on the primary distribution system of the Company shall not exceed permissible limits.

Customers will be permitted to transfer from this rate to a secondary commercial rate, provided they can meet the availability requirements, if the load characteristic changes sufficiently so that the customer would benefit by the change for the foreseeable future even though metering was continued at primary voltage. Frequent changes, however, from one rate to another for a period less than one full year will not be permitted in accordance with Rule B-2.4 - Choice of Rates.

For example, during the period that a building is under construction, primary service may be supplied and metered at primary voltage and billed on a secondary rate while the building is under the jurisdiction of the contractor.

Also, for the convenience of the utility, service to a large school complex or a high rise building where, as a matter of design, primary voltage is furnished with Company owned transformers at remote locations fed by customer owned primary cables, the account can be billed on a secondary rate though metered at one central primary voltage location at or near the termination of the utility-owned cables.

At the option of the Company, service may be supplied at the primary voltage and metered at a secondary voltage when the customer transfers from a secondary rate. For loads metered at a secondary voltage (less than 600V), all measured quantities shall be increased by 2%.

CONTRACT TERM: For new primary installations over 1000 kW the term is for not less than five years, extending thereafter from month-to-month until terminated by mutual consent or on twelve months' written notice by either party, which may be given at any time after the end of the fourth year. For new primary installations of 1000 kW or less and for new customers at existing installations, the term is for one year which under special circumstances may be increased or reduced at the discretion of the Company, extending thereafter from month-to-month until terminated by mutual consent or on one month written notice by either party. Where special services are required, the term will be as specified in the applicable contract rider.

ISSUED SEPTEMBER 6, 2006
M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission
September 7, 2006
Filed 

EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER SEPTEMBER 5, 2006 UNDER
AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED AUGUST 31, 2006
IN CASE NO. U-14838

Rate Schedule No. D6.1

Alternative Primary Supply Service

AVAILABILITY OF SERVICE: Available to customers desiring service at primary, subtransmission, or transmission voltage who contract for a specified capacity of not less than 10,000 kilowatts at a single location.

HOURS OF SERVICE: 24 hours, subject to interruption by agreement, or by advance notice.

CURRENT, PHASE AND VOLTAGE: Alternating current, three-phase, nominally at 4,800, 13,200, 24,000, 41,570 or 120,000 volts at the option of the Company.

CONTRACT CAPACITY: Customers shall contract for a specified capacity in kilowatts sufficient to meet normal maximum requirements but not less than 10,000 kilowatts. The Company undertakes to provide the necessary facilities for a supply of electric power from its primary distribution system at the contract capacity. Any single reading of the demand meter in any month that exceeds the contract capacity then in effect shall become the new contract capacity. The contract capacity for customers served at more than one voltage level shall be the sum of the contract capacities established for each voltage level.

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:

Energy Charges: 11.934¢ per kWh for the first 150 hours use of on-peak billing demand created during the billing month, but not less than 10,000 kW
1.699¢ per kWh for the next 300 hours use of on-peak billing demand created during the billing month, but not less than 10,000 kW
1.121¢ per kWh for the excess kWh

The Energy Charge will be reduced by 0.30¢ per kWh for all off-peak use

Voltage Level Discount:

0.15¢ per kWh at transmission level
0.10¢ per kWh at subtransmission level

Delivery Charges:

Service Charge: \$275 per month

Distribution Charges:

For primary service (less than 24 kV) \$3.20 per kW of maximum demand and 0.701¢ per kWh for all energy delivered.

For service at subtransmission voltage (24 to 41.6 kV) \$2.10 per kW of maximum demand and 0.701¢ per kWh for all energy delivered.

For service at transmission voltage (120 kV and above) \$1.25 per kW of maximum demand and 0.701¢ per kWh for all energy delivered.

Substation Credit: Available to customers where service at sub-transmission voltage level (24 to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of \$.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of .040¢ per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges And Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

(Continued on [Sheet No. D6.1a](#))

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service Commission
January 31, 2006
Filed 

EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

(Continued From Sheet No. D6.1)

Rate Schedule No. D6.1 (Continued)

Alternative Primary Supply Service

Retail Access Service Customers:

Delivery Charges:

Service Charge: \$275 per month

Distribution Charges:

For primary service (less than 24 kV) \$3.20 per kW of maximum demand.

For service at subtransmission voltage (24 to 41.6 kV) \$1.20 per kW of maximum demand.

For service at transmission voltage (120 kV and above) \$0.80 per kW of maximum demand.

Substation Credit: Available to customers where service at sub-transmission voltage level (24 to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of \$.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of .040¢ per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges And Credits: As approved by the Commission. See Schedule Designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

DEFINITION OF CUSTOMER VOLTAGE LEVEL: See Schedule Designation B-4.6.

MONTHLY ON-PEAK BILLING DEMAND: The monthly on-peak billing demand shall be the single highest 30-minute integrated reading of the demand meter during the on-peak hours of the billing period. The monthly on-peak billing demand will not be less than 65% of the highest monthly on-peak metered billing demand during the billing months of June, July, August, September, and October of the preceding eleven billing months, nor less than 10,000 kilowatts.

MAXIMUM DEMAND: The maximum demand shall be the highest 30-minute demand created during the previous 12 billing months, including the current month but not less than 50% of contract capacity. This clause is applicable to each voltage level served.

MINIMUM CHARGE: All applicable demand charges plus the service charge.

SCHEDULE OF ON-PEAK HOURS: See Schedule Designation B-4.4.

(Continued on Sheet No. 6.1b)

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission

January 31, 2006

Filed 

EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

(Continued From Sheet No. D6.1a)

Rate Schedule No. D6.1 (Continued)

Alternative Primary Supply Service

POWER FACTOR CLAUSE:

Full Service Customers:

The rates and charges under this tariff are based on the customer maintaining a power factor of not less than 85% lagging. Any power factor less than 70% will not be permitted and the customer will be required to install at his own expense such corrective equipment as may be necessary to improve power factor. A penalty will be applied to the total amount of the monthly billing for electric energy for power factor below 85% lagging in accordance with the table in Power Factor Determination, Schedule Designation B-4.5. The Power Factor Clause shall not be applied to the on-peak billing demand ratchet nor to the minimum contract demand, but will be applied to metered quantities.

Retail Access Service Customers:

A power factor of less than 70% is not permitted and necessary corrective equipment must be installed by the Customer to correct to a minimum level of 70%. Power factor and excess Reactive Demand charges will be calculated at each Customer location at the time of the Location's single highest 30-minute integrated kW reading of the Interval Demand Meter during the on-peak hours of the billing period, which are those hours from 7 a.m. until 11 p.m. consistent with the ITC Open Access Transmission Tariff. Excess Reactive Demand is any Reactive Demand resulting from operations below 80% power factor. A monthly charge of \$3.50/kVAR will be applied to excess Reactive Demand.

SPECIAL TERMS AND CONDITIONS: The contract capacity however established shall not be decreased during the term of the contract and subsequent renewal periods as long as service is required unless there is a specific reduction in connected load.

Customer-owned equipment must be operated so that voltage fluctuations on the primary distribution system of the Company shall not exceed permissible limits.

Customers will be permitted to transfer from this rate to a secondary commercial rate, provided they can meet the availability requirements, if the load characteristic changes sufficiently so that the customer would benefit by the change for the foreseeable future even though metering was continued at primary voltage. Frequent changes, however, from one rate to another for a period less than one full year will not be permitted in accordance with Rule B-2.4 - Choice of Rates.

For example, during the period that a building is under construction, primary service may be supplied and metered at primary voltage and billed on a secondary rate while the building is under the jurisdiction of the contractor.

At the option of the Company, service may be supplied at the primary voltage and metered at a secondary voltage when the customer transfers from a secondary rate. For loads metered at a secondary voltage (less than 600V), all measured quantities shall be increased by 2%.

CONTRACT TERM: The term is five years, extending thereafter from month-to-month until terminated by mutual consent or on twelve months' written notice by either party, which may be given at any time after the end of the fourth year. Where special services are required, the term will be as specified in the applicable contract rider.

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN



EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

Changes made to reflect deletion of D6.2 Primary Space Conditioning Rate

D6.2 Primary Space Conditioning Rate was terminated as of September 5, 2006

HOLD FOR FUTURE USE


(Continued on [Sheet No. D6.2a](#))

ISSUED OCTOBER 2, 2006
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission

October 2, 2006

Filed 

EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER SEPTEMBER 5, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED AUGUST 31, 2006
IN CASE NO. U-14838

Changes made to reflect deletion of D6.2 Primary Space Conditioning Rate

(Continued From [Sheet No. D6.2](#))

D6.2 Primary Space Conditioning Rate was terminated as of September 5, 2006

HOLD FOR FUTURE USE

(Continued on [Sheet No. D6.2b](#))

Michigan Public Service
Commission

October 2, 2006

Filed 

ISSUED OCTOBER 2, 2006
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER SEPTEMBER 5, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED AUGUST 31, 2006
IN CASE NO. U-14838

Changes made to reflect deletion of D6.2 Primary Space Conditioning Rate

(Continued From Sheet No. D6.2a)

D6.2 Primary Space Conditioning Rate was terminated as of September 5, 2006

HOLD FOR FUTURE USE

Michigan Public Service
Commission

October 2, 2006

Filed



ISSUED OCTOBER 2, 2006
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER SEPTEMBER 5, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED AUGUST 31, 2006
IN CASE NO. U-14838

Rate Schedule No. D7

Transitional Primary Supply Rate

AVAILABILITY OF SERVICE: Available to customers desiring service at primary, sub-transmission, or transmission voltage who took service under a Special Manufacturing Contract during 2004.

HOURS OF SERVICE: 24 hours, subject to interruption by agreement, or by advance notice.

CURRENT, PHASE AND VOLTAGE: Alternating current, three-phase, nominally at 4,800, 13,200, 24,000, 41,570 or 120,000 volts at the option of the Company.

CONTRACT CAPACITY: Customers shall contract for a specified capacity in kilowatts sufficient to meet normal maximum requirements but not less than 50 kilowatts. The Company undertakes to provide the necessary facilities for a supply of electric power from its primary distribution system at the contract capacity. Any single reading of the demand meter in any month that exceeds the contract capacity then in effect shall become the new contract capacity. The contract capacity for customers served at more than one voltage level shall be the sum of the contract capacities established for each voltage level.

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:

Demand Charge: \$10.30 per kW of on-peak billing demand

Energy Charge: 2.467¢ per kWh for all kWh

Voltage Level Discount:

0.15¢ per kWh at transmission level

0.10¢ per kWh at subtransmission level

Delivery Charges:

Service Charge: \$275 per month

Distribution Charges:

For primary service (less than 24 kV) \$3.45 per kW of maximum demand and (0.371)¢ per kWh for all energy delivered.

For service at subtransmission voltage (24 to 41.6 kV) \$2.35 per kW of maximum demand and (0.371)¢ per kWh for all energy delivered.

For service at transmission voltage (120 kV and above) \$1.50 per kW of maximum demand and (0.371)¢ per kWh for all energy delivered.

Substation Credit: Available to customers where service at sub-transmission voltage level (24 to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of \$.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of .040¢ per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges And Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service customers:

Delivery Charges:

Service Charge: \$275 per month

Distribution Charges:

For primary service (less than 24 kV) \$3.20 per kW of maximum demand.

For service at subtransmission voltage (24 to 41.6 kV) \$1.20 per kW of maximum demand.

For service at transmission voltage (120 kV and above) \$0.80 per kW of maximum demand.

(Continued on [Sheet No. D7a](#))

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission

January 31, 2006

Filed



EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

(Continued From Sheet No. D7)

Rate Schedule No. D7 (Continued) Transitional Primary Supply Rate

Substation Credit: Available to customers where service at sub-transmission voltage level (24 to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of \$.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of .040¢ per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges And Credits: As approved by the Commission. See Schedule Designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

DEFINITION OF CUSTOMER VOLTAGE LEVEL: See Schedule Designation B-4.6.

MONTHLY ON-PEAK BILLING DEMAND: The monthly on-peak billing demand shall be the single highest 30-minute integrated reading of the demand meter during the on-peak hours of the billing period. The monthly on-peak billing demand will not be less than 65% of the highest monthly on-peak metered billing demand during the billing months of June, July, August, September, and October of the preceding eleven billing months, nor less than 50 kilowatts.

MAXIMUM DEMAND: The maximum demand shall be the highest 30-minute demand created during the previous 12 billing months, including the current month but not less than 50% of contract capacity. This clause is applicable to each voltage level served.

MINIMUM CHARGE: All *applicable* demand charges plus the service charge.

SCHEDULE OF ON-PEAK HOURS: See Schedule Designation B-4.4.

POWER FACTOR CLAUSE:

Full Service Customers:

The rates and charges under this tariff are based on the customer maintaining a power factor of not less than 85% lagging. Any power factor less than 70% will not be permitted and the customer will be required to install at his own expense such corrective equipment as may be necessary to improve power factor. A penalty will be applied to the total amount of the monthly billing for electric energy for power factor below 85% lagging in accordance with the table in Power Factor Determination, Schedule Designation B-4.5. The Power Factor Clause shall not be applied to the on-peak billing demand ratchet nor to the minimum contract demand, but will be applied to metered quantities.

Retail Access Service Customers:

A power factor of less than 70% is not permitted and necessary corrective equipment must be installed by the Customer to correct to a minimum level of 70%. Power factor and excess Reactive Demand charges will be calculated at each Customer location at the time of the Location's single highest 30-minute integrated kW reading of the Interval Demand Meter during the on-peak hours of the billing period, which are those hours from 7 a.m. until 11 p.m. consistent with the ITC Open Access Transmission Tariff. Excess Reactive Demand is any Reactive Demand resulting from operations below 80% power factor. A monthly charge of \$3.50/kVAR will be applied to excess Reactive Demand.

SPECIAL TERMS AND CONDITIONS: See Sheet No. D6b.

CONTRACT TERM: The term is for one-year, extending thereafter from month-to-month until terminated by mutual consent or on one month written notice by either party.

Michigan Public Service
Commission

January 31, 2006

Filed



ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

(To reflect a change of energy charges due to implementation of revised securitization charges)

INTERRUPTIBLE SUPPLY RATE

AVAILABILITY OF SERVICE: Available to customers desiring separately metered service at primary voltage who contract for a specified quantity of demonstrated interruptible load of not less than 50 kilowatts at a single location. Contracted interruptible capacity on this rate is limited to 150 megawatts.

HOURS OF INTERRUPTION: All electric power delivered hereunder shall be subject to curtailment on order of the Company. Customers may be ordered to interrupt only when the Company finds it necessary to do so either to maintain system integrity or when the existence of such loads shall lead to a capacity deficiency by the utility. A System Integrity Interruption Order may be given by the Company when the failure to interrupt will contribute to the implementation of the rules for emergency electrical procedures under Rule B-3.7. A Capacity Deficiency Interruption Order may be given by the Company when available system generation is insufficient to meet anticipated system load.

NOTICE OF INTERRUPTION: The customer shall be provided, whenever possible, notice in advance of probable interruption and the estimated duration of the interruption.

NON-INTERRUPTION FEE: Customers who do not interrupt within one hour following notice of a capacity deficiency interruption order shall be billed at the cost of replacement energy plus 0.576¢ per kWh during the time of interruption plus the applicable voltage level charge, but not less than the normal D8 rate. Voltage level charges for service other than transmission voltage are:
0.15¢ per kWh at the distribution level.
0.05¢ per kWh at the subtransmission level.

NON-INTERRUPTION PENALTY: A customer who does not interrupt within one hour following a system integrity interruption order shall be billed at the rate of \$50 per kW for the highest 30-minute kW demand created during the interruption period for all usage above the customer's firm demand, in addition to the prescribed monthly rate. In addition, the interruptible contract capacity of a customer who does not interrupt within one hour following notice shall be immediately reduced by the amount by which the customer failed to interrupt, unless the customer demonstrates that failure to interrupt was beyond its control.

(Continued on next sheet)
M/117

Issued: March 1, 2003
By: M. E. Champley
Senior Vice President
2000 Second Avenue
Detroit, Michigan 48226

MICHIGAN PUBLIC
SERVICE COMMISSION
MAR 19 2003
FILED JFB

Effective for bills rendered on and after March 1, 2003 under authority of order of the Michigan Public Service Commission in Case No. U-12478 dated February 5, 2003.

(Continued From [Sheet No. D8](#))

Rate Schedule No. D8 (Continued)

Interruptible Supply Rate

CURRENT, PHASE AND VOLTAGE: Alternating current, three-phase, nominally at 4,800, 13,200, 24,000, 41,570 or 120,000 volts at the option of the Company.

CONTRACT CAPACITY: Customers shall contract for a specified capacity in kilowatts sufficient to meet maximum interruptible requirements, but not less than 50 kilowatts. Any single reading of the demand meter in any month that exceeds the contract capacity then in effect shall become the new contract capacity. The interruptible contract capacity shall not include any firm power capacity, except under Product Protection Provision.

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:

Demand Charge: \$8.46 per kW of on-peak billing demand

Energy Charge:

2.364¢ per kWh for all on-peak kWh

2.064¢ per kWh for all off-peak kWh

Voltage Level Discount:

0.15¢ per kWh at transmission level

0.10¢ per kWh at subtransmission level

Delivery Charges:

Service Charge: \$275 per month

Distribution Charges:

For primary service (less than 24 kV) \$3.50 per kW of maximum demand and 0.625¢ per kWh for all energy delivered.

For service at subtransmission voltage (24 to 41.6 kV) \$2.40 per kW of maximum demand and 0.625¢ per kWh for all energy delivered.

For service at transmission voltage (120 kV and above) \$1.55 per kW of maximum demand and 0.625¢ per kWh for all energy delivered.

Substation Credit: Available to customers where service at sub-transmission voltage level (24 to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of \$.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of .040¢ per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges And Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

(Continued on [Sheet No. D8b](#))

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission
January 31, 2006
Filed 

EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

(Continued From Sheet No. D8a)

Rate Schedule No. D8 (Continued)

Interruptible Supply Rate

Retail Access Service customers:

Delivery Charges:

Service Charge: \$275 per month

Distribution Charges:

For primary service (less than 24 kV) \$3.20 per kW of maximum demand.

For service at subtransmission voltage (24 to 41.6 kV) \$1.20 per kW of maximum demand.

For service at transmission voltage (120 kV and above) \$0.80 per kW of maximum demand.

Substation Credit: Available to customers where service at sub-transmission voltage level (24 to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of \$.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of .040¢ per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges And Credits: As approved by the Commission. See Schedule Designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

DEFINITION OF CUSTOMER VOLTAGE LEVEL: See *Schedule Designation B-4.6.*

MONTHLY ON-PEAK BILLING DEMAND: The monthly on-peak billing demand shall be the single highest 30-minute integrated reading of the demand meter during the on-peak hours of the billing period. In no event will the monthly on-peak billing demand be less than 65% of the highest monthly on-peak metered billing demand during the billing months of June, July, August, September, and October of the preceding eleven billing months, nor less than 50 kilowatts.

MAXIMUM DEMAND: The maximum demand shall be the highest 30-minute demand created during the previous 12 billing months, including the current month but not less than 50% of contract capacity. This clause is applicable to each voltage level served.

MINIMUM CHARGE: All *applicable* demand charges plus the service charge.

ON-PEAK HOURS: See Schedule Designation B-4.4.

PRODUCT PROTECTION PROVISION (Full Service Customers Only): A customer on rate D8 may elect to contract for a minimum load during the period of interruption to protect his product or process. This minimum load called "product protection load" shall not exceed 10% of the total contracted interruptible load and shall be charged a monthly demand charge per kW of product protection contract capacity equal to the kW demand charges for the primary supply rate (D6) including on-peak demand charges and maximum demand charges as applicable. The 10% limitation may be increased to 25% in special situations.

(Continued on Sheet No. D8c)

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(Continued From Sheet No. D8b)

Rate Schedule No. D8 (Continued)

Interruptible Supply Rate

POWER FACTOR CLAUSE:

Full Service Customers:

The rates and charges under this tariff are based on the customer maintaining a power factor of not less than 85% lagging. Any power factor less than 70% will not be permitted and the customer will be required to install at his own expense such corrective equipment as may be necessary to improve power factor. A penalty will be applied to the total amount of the monthly billing for electric energy for power factor below 85% lagging in accordance with the table in Power Factor Determination, Schedule Designation B-4.5. The Power Factor Clause shall not be applied to the on-peak billing demand ratchet nor to the minimum contract demand, but will be applied to metered quantities.

Retail Access Service Customers:

A power factor of less than 70% is not permitted and necessary corrective equipment must be installed by the Customer to correct to a minimum level of 70%. Power factor and excess Reactive Demand charges will be calculated at each Customer location at the time of the Location's single highest 30-minute integrated kW reading of the Interval Demand Meter during the on-peak hours of the billing period, which are those hours from 7 a.m. until 11 p.m. consistent with the ITC Open Access Transmission Tariff. Excess Reactive Demand is any Reactive Demand resulting from operations below 80% power factor. A monthly charge of \$3.50/kVAR will be applied to excess Reactive Demand.

SPECIAL TERMS AND CONDITIONS: The contract capacity however established shall not be decreased during the term of the contract and subsequent renewal periods as long as service is required unless there is a specific reduction in load. The increase of contract capacity may be limited if, in the opinion of the Company, additional interruptible capacity is not available.

Customer-owned equipment must be operated so that voltage fluctuations on the electrical system of the Company shall not exceed permissible limits.

The customer will own and maintain the necessary switching equipment to separate the interruptible load from the firm power load. The interruptible load shall not be served from the firm power source at any time. The switching equipment must meet the Company standards. The customer must provide space for the separate metering of the interruptible load.

CONTRACT TERM: The contract term is five years, extending thereafter from month-to-month until terminated by mutual consent or on twelve months written notice by either party, which may be given at any time after the end of the fourth year.

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Rate Schedule No. D9

Outdoor Protective Lighting

AVAILABILITY OF SERVICE: Customers desiring controlled service for outdoor protective lighting on premises where the customer is presently taking electric service under a standard metered rate schedule. This service is limited to not more than eight (8) units installed on not more than four (4) new or existing poles.

HOURS OF SERVICE: Dusk to dawn service controlled by photo-sensitive devices which provide service every night and all night for approximately 4200 hours per year.

KIND OF SERVICE: Multiple lighting from overhead lines. The Company will own, operate and maintain the lights. Burned out lights must be reported by the customer and the Company will undertake to replace the lights as soon as possible during regular working hours.

RATES: As shown on Sheet No. D9a and D9b.

BILLING: Billing will be on a monthly basis using the annual rate divided by twelve and rounded to the nearest cent.

SURCHARGES AND CREDITS: *As approved by the Commission. Applicable surcharges and credits are listed in Schedule Designations B-4.8 and B-4.9.*

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

CONTRACT TERM: Contracts for overhead service will be taken for a minimum of two years, except that where more than two lights are installed or special purpose facilities are required, the contract term may be extended up to five years. Contracts for underground service were taken for a minimum of five years. Conversion and/or relocation of existing lighting facilities must be paid for by the customer, except where initiated by the Company. The detailed provisions and schedule of such charges will be quoted upon request.

SPECIAL TERMS AND CONDITIONS: Outdoor protective lighting is intended primarily for installations served from existing secondary facilities. All lights will be installed so as to overhang private property at locations satisfactory to the customer and the Company. However, exceptions can be made for floodlight installations to overhang public property where practical.

The stated charges for underground service on Sheet No. D9b cover the ordinary trenching for cable extensions under normal soil conditions in cleared areas.

(Continued on [Sheet No. D9a](#))

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(Continued From Sheet No. D9)

Rate Schedule No. D9 (Continued)

Outdoor Protective Lighting

- (1) Special purpose facilities are considered to be line or cable extensions, transformers, and any additional poles without lights, excluding facilities provided under stated charges on Sheet No. D9a. Where special purpose facilities are required, a service charge of 18% per year on the investment in such facilities will be billed in installments as an addition to the regular rate for each light. In the event the customer discontinues service before the end of the contract term, the established rate as well as the service charge on special purpose facilities for the remaining portion of the contract term shall immediately become due and payable. This provision was closed to new installations as of January 22, 1994.
- (2) For new installations after January 22, 1994, which require investment in excess of three times the annual revenue, this rate is available only to customers who make a contribution in aid of construction equal to the amount by which the investment exceeds three times the annual revenue at the prevailing rate at the time of installation.

RATES: All-night service.

<u>Nominal Lamp Size</u> <u>Watts</u>	<u>Type of Service</u>	<u>Charge per</u> <u>Lamp per Year</u>
	Overhead Protective Lighting Service Existing Pole and Existing Secondary Facilities	
175	Mercury Vapor	<u>\$143.28</u>
250*	Mercury Vapor	<u>\$167.76</u>
400	Mercury Vapor	<u>\$208.08</u>
1,000	Mercury Vapor	<u>\$417.48</u>
100	High Pressure Sodium	<u>\$129.12</u>
250	High Pressure Sodium	<u>\$195.24</u>
400	High Pressure Sodium	<u>\$309.72</u>

For installations prior to January 22, 1994
 New Pole and Single Span of Secondary Facilities
 The above rate plus **\$24.48** per pole per year.

Effective January 22, 1994 installation requiring additional facilities shall pay a contribution in aid of construction in lieu of the service charge. Contribution is described in paragraph (2) above.

Multiple Lamps on a Single Pole
 For each additional luminaire added to the same pole the charge will be at the existing pole rate.

*Not available for new business.

(Continued on Sheet No. D9b)

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(Continued From Sheet No. D9a)

Rate Schedule No. D9 (Continued)

Outdoor Protective Lighting

RATES: All-night service supplied by mercury vapor lamps.

Nominal Lamp Size <u>Watts</u>	Charge per <u>Lamp per Year</u>
Ornamental Underground Protective Lighting Service* Lamp Spacing up to 120 Feet of Trench	
100	<u>\$292.56</u>
175	<u>\$336.60</u>
250	<u>\$354.96</u>
400	<u>\$412.56</u>
1,000	<u>\$576.60</u>

Multiple Lamps on a Single Pole

For each additional luminaire added to the same pole
reduce rate per lamp per year on the added luminaire **by \$97.92.**

*Not available for new business.

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Rate Schedule No. D10

All-Electric School Building Service Rate

AVAILABILITY OF SERVICE: Available to customers desiring service in school buildings served at primary voltage who contract for a specified installed capacity of not less than 50 kilowatts at a single location provided the space heating and water heating for all or a substantial portion of the premises is supplied by electric service and is installed on a permanent basis.

HOURS OF SERVICE: 24 hours, subject to interruption by agreement, or by advance notice.

CURRENT, PHASE AND VOLTAGE: Alternating current, three-phase, nominally at 4,800 or 13,200 volts at the option of the Company.

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:

Energy Charge (June through October): 6.073¢ per kWh for all kWh
Energy Charge (November through May): 4.403¢ per kWh for all kWh

Delivery Charges:

Service Charge: \$108.00 per month
Distribution Charge: 2.564¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:

Service Charge: \$108.00 per month
Distribution Charge: 1.322¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: The Service Charge.

POWER FACTOR CLAUSE:

Full Service Customers:

The rates and charges under this tariff are based on the customer maintaining a power factor of not less than 85% lagging. Any power factor less than 70% will not be permitted and the customer will be required to install at his own expense such corrective equipment as may be necessary to improve power factor. A penalty will be applied to the total amount of the monthly billing for electric energy for power factor below 85% lagging in accordance with the table in Power Factor Determination, Schedule Designation B-4.5. The Power Factor Clause shall not be applied to the on-peak billing demand ratchet nor to the minimum contract demand, but will be applied to metered quantities.

(Continued on Sheet No. D10a)

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(Continued From Sheet No. D10)

Rate Schedule No. D10 (Continued) All-Electric School Building Service Rate

Retail Access Service Customers:

A power factor of less than 70% is not permitted and necessary corrective equipment must be installed by the Customer to correct to a minimum level of 70%. Power factor and excess Reactive Demand charges will be calculated at each Customer location at the time of the Location's single highest 30-minute integrated kW reading of the Interval Demand Meter during the on-peak hours of the billing period, which are those hours from 7 a.m. until 11 p.m. consistent with the ITC Open Access Transmission Tariff. Excess Reactive Demand is any Reactive Demand resulting from operations below 80% power factor. A monthly charge of \$3.50/kVAR will be applied to excess Reactive Demand.

SPECIAL TERMS AND CONDITIONS: Customer-owned equipment must be operated so that voltage fluctuations on the primary distribution system of the Company shall not exceed permissible limits.

At the option of the Company where service to a large school complex, as a matter of design, primary voltage is furnished with Company owned transformers at remote locations fed by customer owned primary cables, the account can be billed on a secondary rate though metered at one central primary voltage location at or near the termination of the utility-owned cables.

At the option of the Company, service may be supplied at the primary voltage and metered at a secondary voltage when the customer transfers from a secondary rate. For loads metered at a secondary voltage (less than 600V), all measured quantities shall be increased by 2%.

CONTRACT TERM: For new primary installations over 1000 kW the term is for not less than five years, extending thereafter from month-to-month until terminated by mutual consent or on twelve months' written notice by either party, which may be given at any time after the end of the fourth year. For new primary installations of 1000 kW or less and for new customers at existing installations, the term is for one year which under special circumstances may be increased or reduced at the discretion of the Company, extending thereafter from month-to-month until terminated by mutual consent or on one month written notice by either party. Where special services are required, the term will be as specified in the applicable contract rider.

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Rate Schedule No. E1

Municipal Street Lighting Rate
(High Intensity Discharge Lamp Service)

AVAILABILITY OF SERVICE: Available to governmental agencies desiring controlled nighttime service for street lighting, for public thoroughfares, public parking lots and other public areas. Mercury Vapor service listed hereunder is not available for new business, except for limited additions to existing systems, but will be continued for customers taking said service as of July 23, 1981.

HOURS OF SERVICE: For circuits controlled by photo-sensitive devices, the street lights are burning at all times when the general level of illumination is lower than about 3/4 of a footcandle.

KIND OF SERVICE: Multiple or series street lighting at the option of the Company from overhead lines or underground circuits.

The Company presently has three (3) street lighting rate options available to municipalities. They are: (I) A Company owned system, (II) A municipally owned and Company maintained system, (III) A municipally owned and maintained system.

OPTION I

The Company will clean, inspect, operate and maintain street lighting equipment and furnish lamp replacements.

OPTION II

Where the street lighting system is owned by the municipality, but is maintained by the Company, the normal maintenance will consist of replacement of glassware and lamps. Major maintenance such as broken lamp posts, etc., must be paid for by the municipality. The street lighting system must be built to Company specifications.

OPTION III

Where the municipality owns and maintains the system, the Company's function will be confined solely to the supply of electricity.

RATES: As shown on Sheet No. E1a, E1b and E1c.

BILLING: Billing will be on a monthly basis using the annual rate divided by twelve and rounded to the nearest cent.

SURCHARGES AND CREDITS: *As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.*

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

CONTRACT TERM: Open order terminable on a thirty day written notice by either party. Any conversion, relocation and/or removal of existing street lighting facilities at the customer's request, including those removals necessitated by termination of service, must be paid for by the customer. The detailed provisions and schedule of charges, which may include the remaining value of the existing facilities, will be quoted upon request. The Company shall not withdraw service, and the municipality shall not substitute another source of service in whole or in part, without twelve months' written notice to the other party.

(Continued on [Sheet No. E1a](#))

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(Continued From Sheet No. E1)

Rate Schedule No. E1 (Continued)

Municipal Street Lighting Rate

Option I: Company Owned Street Lighting System

Where new installations require an investment in excess of an investment allowance, Option I is available only to customers who make a contribution in aid of construction equal to the amount by which the investment ** exceeds three times the annual revenue at the prevailing rate at the time of installation.

As an alternative, where the required contribution exceeds \$10,000, upon agreement of the customer and the Company, the customer will pay an additional annual charge of 12% times the contribution amount in lieu of the cash contribution.

RATES: All-night service.
 (Overhead Street Lighting Service)

<u>Nominal Lamp Size</u>	<u>Type of Service</u>	<u>Charge per Lamp per Year</u>
100 Watt*	Mercury Vapor	<u>\$117.60</u>
175 Watt	Mercury Vapor	<u>\$151.80</u>
250 Watt*	Mercury Vapor	<u>\$171.36</u>
400 Watt	Mercury Vapor	<u>\$228.84</u>
1,000 Watt	Mercury Vapor	<u>\$410.04</u>
70 Watt	High Pressure Sodium	<u>\$166.44</u>
100 Watt	High Pressure Sodium	<u>\$175.08</u>
250 Watt	High Pressure Sodium	<u>\$223.92</u>
360 or 400 Watt	High Pressure Sodium	<u>\$291.24</u>
1,000 Watt	High Pressure Sodium	<u>\$498.12</u>

Multiple Lamps on a Single Pole

For each additional luminaire added to the same pole, reduce rate per lamp per year on the added luminaire-\$12.24.

DE-ENERGIZED LIGHTS: Customers may elect to have any or all luminaires served under this rate disconnected. The charge per luminaire per year, payable in equal monthly installments, shall be 60% of the regular yearly rates. A \$15.00 charge per luminaire will be made at the time of reconnection.

DUSK TO MIDNIGHT SERVICE: For service to parking lots from dusk to approximately twelve o'clock midnight E.S.T., a discount of 1.06¢ per nominal lamp size wattage per month will be applied. One control per circuit will be provided.

*Not available for new business.

** Effective January 1, 1991, the investment amount will be limited to direct cost.

Effective January 1, 1992, the investment amount will include full cost.

(Continued on Sheet No. E1b)

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(Continued From Sheet No. E1a)

Rate Schedule No. E1 (Continued)

Municipal Street Lighting Rate

Option I: Company Owned Street Lighting System (Continued)

Ornamental Underground Street Lighting Service
 (Lamp Spacing up to 120 Feet of Street)

RATES: All-night service.

<u>Nominal Lamp Size</u>	<u>Type of Service</u>	<u>Charge per Lamp per Year</u>
100 Watt*	Mercury Vapor	<u>\$265.56</u>
175 Watt	Mercury Vapor	<u>\$302.40</u>
250 Watt*	Mercury Vapor	<u>\$331.68</u>
400 Watt	Mercury Vapor	<u>\$394.08</u>
1,000 Watt	Mercury Vapor	<u>\$550.80</u>
70 Watt	High Pressure Sodium	<u>\$276.60</u>
100 Watt	High Pressure Sodium	<u>\$285.12</u>
250 Watt	High Pressure Sodium	<u>\$363.48</u>
360 or 400 Watt	High Pressure Sodium	<u>\$446.76</u>
1,000 Watt	High Pressure Sodium	<u>\$572.88</u>

For lamp spacing over 120 feet up to 325 feet on the same side of street, add to rate per lamp per year \$24.48

For Semi-Ornamental Systems which employ Ornamental Post Units served from overhead conductors, where such construction is practical, reduce rate per lamp per year \$21.48

Multiple Lamps on a Single Pole

For additional luminaire added to the same pole, reduce rate per lamp per year on the added luminaire

Ornamental..... \$97.92

Ornamental-Lamp spacing over 120 feet..... \$122.40

Semi-Ornamental..... \$76.56

*Not available for new business.

(Continued on Sheet No. E1c)

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(Continued From Sheet No. E1b)

Rate Schedule No. E1 (Continued)

Municipal Street Lighting Rate

Option I: Company Owned Street Lighting System (Continued)

DE-ENERGIZED LIGHTS: Customers may elect to have any or all luminaires served under this rate disconnected. The charge per luminaire per year, payable in equal monthly installments, shall be 60% of the regular yearly rates. A \$15.00 charge per luminaire will be made at the time of reconnection.

DUSK TO MIDNIGHT SERVICE: For service to parking lots from dusk to approximately twelve o'clock midnight E.S.T., a discount of 1.06¢ per nominal lamp size wattage per month will be applied. One control per circuit will be provided.

OPTION II: Street Equipment Owned by Municipality

RATES: All-night service.

<u>Nominal Lamp Size</u>	<u>Type of Service</u>	<u>Charge per Lamp per Year</u>
175 Watt	Mercury Vapor	<u>\$101.64</u>
250 Watt*	Mercury Vapor	<u>\$129.84</u>
400 Watt	Mercury Vapor	<u>\$157.92</u>
1,000 Watt	Mercury Vapor	<u>\$271.80</u>
70 Watt	High Pressure Sodium	<u>\$83.28</u>
100 Watt	High Pressure Sodium	<u>\$90.60</u>
250 Watt	High Pressure Sodium	<u>\$134.64</u>
360 or 400 Watt	High Pressure Sodium	<u>\$194.64</u>
1,000 Watt	High Pressure Sodium	<u>\$348.84</u>

*Not available for new business.

DE-ENERGIZED LIGHTS: Customers may elect to have any or all luminaires served under this rate disconnected. The charge per luminaire per year, payable in equal monthly installments, shall be 10% of the above yearly rates. A \$15.00 charge per luminaire will be made at the time of reconnection.

DUSK TO MIDNIGHT SERVICE: For service to parking lots from dusk to approximately twelve o'clock midnight E.S.T., a discount of 1.06¢ per nominal watt per month will be applied. One control per circuit will be provided.

OPTION III: Municipally Owned and Maintained Street Lighting System (Unmetered)

RATES: Where the municipality owns, operates, cleans and renews the lamps, and the Company's service is confined solely to the supply of electricity from dusk to dawn, the monthly charge of said service shall be 2.67 cents per nominal connected watt per month of lamps so served. If it is necessary for the Company to install facilities to provide service for the lamps, the customer will reimburse the Company for these costs. Contract Rider No. 2 charges will also apply.

(Continued on Sheet No. E1.1)

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(Continued From [Sheet No. E1c](#))

Rate Schedule No. E1 (Continued)

Municipal Street Lighting Rate

Option III: Municipally Owned and Maintained Street Lighting System (Controlled/Metered)

AVAILABILITY OF SERVICE: Available to governmental agencies desiring controlled nighttime service for primary or secondary voltage energy-only street lighting service where the Company has existing distribution lines available for supplying energy for such service. Luminaires served under any of the Company's other street lighting rates shall not be intermixed with luminaires serviced under this street lighting rate. This rate is not available for resale purposes. Service is governed by the Company's Standard Rules and Regulations.

HOURS OF SERVICE: For circuits controlled by automatic timing devices, one-half hour after sunset until one-half hour before sunrise. For circuits controlled by photo-sensitive devices, the streetlights burn whenever the general level of illumination is less than approximately 3/4 footcandle. For dusk to midnight service, luminaires shall be controlled to turn off at approximately twelve o'clock midnight.

KIND OF SERVICE:

Secondary Voltage Service: Alternating current, 60 hertz, single-phase 120/240 nominal volt service for a minimum of ten luminaires located within a clearly defined area. Except for control equipment, the customer will furnish, install, own and maintain all equipment comprising the street lighting system up to the point of attachment with the Company's distribution system. The Company will connect the customer's equipment to the Company's lines and supply the energy for operation. All of the customer's equipment will be subject to the Company's review.

Primary Voltage Service: Alternating current, 60 hertz, single-phase or three-phase, primary voltage service for actual demands of not less than 100 kW at each point of delivery. The particular nature of the voltage shall be determined by the Company. The customer will furnish, install, own and maintain all equipment comprising the street lighting system, including control equipment, up to the point of attachment with the Company's distribution system. The Company will supply the energy for operation of the customer's street lighting system.

MONTHLY RATE:

Secondary Energy:

Full Service Customers:

Power Supply Charge:

2.00¢ per kWh for all kWh

Delivery System Charge:

2.338¢ per kWh based on the capacity requirements in kilowatts of the equipment assuming 4,200 burning hours per year, adjusted by the ratio of the monthly kWh consumption to the total annual kWh consumption.

(Continued on [Sheet No. E1.1a](#))

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(Continued From Sheet No. E1.1)

Rate Schedule No. E1 (Continued)

Municipal Street Lighting Rate

Retail Access Service Customers:

Delivery System Charge:

3.175¢ per kWh based on the capacity requirements in kilowatts of the equipment assuming 4,200 burning hours per year, adjusted by the ratio of the monthly kWh consumption and the total annual kWh consumption.

At the Company's option, service may be metered and the metered kWh will be the basis for billing. Capacity requirements of lighting equipment shall be determined by the Company from manufacturer specifications, but the Company maintains the right to test such capacity requirements from time to time. In the event that Company tests show capacity requirements other than those indicated in manufacturer specifications, the capacity requirements indicated by Company tests will be used. The customer shall not change the capacity requirements of its equipment without first notifying the Company in writing.

Option III: Municipally Owned and Maintained Street Lighting System (Controlled/Metered)

For dusk to midnight service, the monthly **Power Supply Charge** per kWh shall be **3.387¢** per kWh **and the Delivery System Charge shall be 2.338¢ per kWh** for secondary service.

PRIMARY ENERGY CHARGE: 3.552¢ per kWh as metered.

BILLING: Billing will be on a monthly basis.

SURCHARGES AND CREDITS: *As approved by the Commission. Power Supply Charges are subject to Schedule Designation B4.8. Delivery Charges are subject to Schedule Designation B4.9*

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: The contract minimum.

CONTRACT TERM: Contracts will be taken for a minimum of two years, extending thereafter from year to year until terminated by mutual consent or upon 12 months' written notice by either party.

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EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

Rate Schedule No. E2

Traffic and Signal Lights

AVAILABILITY OF SERVICE: Available to municipalities or other public authorities, hereinafter referred to as customer, operating lights for traffic regulation or signal lights on streets, highways, airports or water routes, as distinguished from street lighting.

HOURS OF SERVICE: 24 hours.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase, at 120 volts two-wire.

SERVICE CONNECTIONS: The customer is to furnish and maintain all necessary wiring and equipment, including lamps and lamp replacements, or reimburse the Company therefore, except that the Company will furnish, install and maintain such span poles and messenger cable as may be needed to support the traffic or signal lights of the overhead type. Connections are to be brought to the Company's underground and overhead lighting mains by the customer as directed by the Company, and the final connection to the Company's main is to be made by the Company.

Conversion and/or relocation of existing facilities must be paid for by the customer, except when initiated by the Company. The detailed provisions and schedule of such charges will be quoted upon request.

RATES: **3.36¢ per** month per watt of the total connected traffic light or signal light load in service for each customer.

Total connected wattage will be reckoned as of the fifteenth of the month. Lamps removed from service before the fifteenth or placed in service on or after the fifteenth will be omitted from the reckoning; conversely, lamps placed in service on or before the fifteenth of the month or removed from service after the fifteenth of the month will be reckoned for a full month. Lamps operated cyclically, on and off, will be reckoned at one-half wattage and billed for a full month. No such reduction of reckoned wattage will be allowed for lamps in service but turned off during certain hours of the day.

The Company may, at its option, install meters and apply a standard metered rate schedule applicable to the service.

SURCHARGES AND CREDITS: *As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.*

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: \$3.00 per customer per month.

CONTRACT TERM: Open order on a month-to-month basis. However, the Company shall not withdraw service, and the customer shall not substitute another source of service in whole or in part, without twelve months' written notice to the other party.

Michigan Public Service
Commission

January 31, 2006

Filed



ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

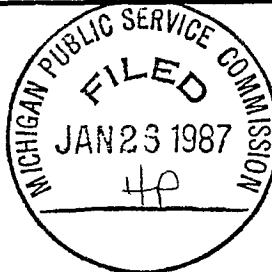
MUNICIPAL STREET LIGHTING RATE

This Rate Terminated as of January 1, 1987

(Continued on next sheet)

P1/128

Issued: January, 1987
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226



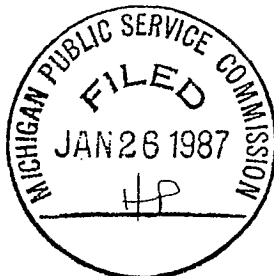
Effective on and after January 1,
1987, under authority of Orders of
the Michigan Public Service
Commission dated July 16, 1985
in Case U-7660, and April 1, 1983
in Case U-6949.

MUNICIPAL STREET LIGHTING RATE-Continued

This Rate Terminated as of January 1, 1987

PI/129

Issued: January, 1987
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226



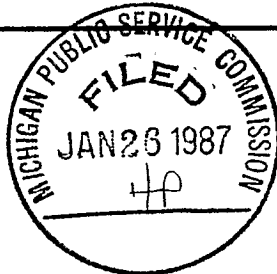
Effective on and after January 1, 1987, under authority of Orders of the Michigan Public Service Commission dated July 16, 1985 in Case U-7660, and April 1, 1983 in Case U-6949.

MUNICIPAL STREET LIGHTING RATE-Continued

This Rate Terminated as of January 1, 1987

P1/129A

Issued: January, 1987
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226



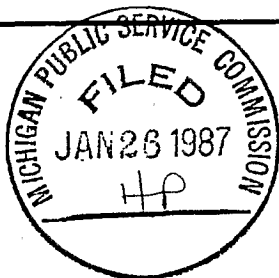
Effective on and after January 1, 1987, under authority of Orders of the Michigan Public Service Commission dated July 16, 1985 in Case U-7660, and April 1, 1983 in Case U-6949.

MUNICIPAL STREET LIGHTING RATE-Continued

This Rate Terminated as of January 1, 1987

P1/130

Issued: January, 1987
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226



Effective on and after January 1, 1987, under authority of Orders of the Michigan Public Service Commission dated July 16, 1985 in Case U-7660, and April 1, 1983 in Case U-6949.

Rate Schedule No. E4

Primary Pumping Rate

THIS RATE TERMINATED AS OF FEBRUARY 1, 2006

Michigan Public Service
Commission

January 31, 2006

Filed RL

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

(Continued From [Sheet No. E4](#))

Rate Schedule No. E4 (Continued)

Primary Pumping Rate

THIS RATE TERMINATED AS OF FEBRUARY 1, 2006

Michigan Public Service
Commission

January 31, 2006

Filed _____



ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

Controlled Irrigation and Municipal Pumping Service rate terminated as of January 22, 1994.

HOLD FOR FUTURE USE

M/133

Issued: January 27, 1994
By: L. G. Garberding
Executive Vice President
and Chief Financial Officer
2000 Second Avenue
Detroit, Michigan 48226



Effective for service rendered on
and after January 22, 1994 under
authority of order of the Michigan
Public Service Commission dated
January 21, 1994 in Case U-10102

Rate Schedule No. E5

Secondary Pumping Rate

AVAILABILITY OF SERVICE: Available to governmental agencies desiring service at secondary voltage for pumping and to governmental agencies with service at primary voltage having the storm pumping horsepower that is at least 60% of the total connected load. This rate is not available to installations, other than storm pumping, having a demand of over 1,000 kilowatts and not taking service on this rate prior to August 19, 1972.

HOURS OF SERVICE: 24 hours.

CURRENT, PHASE AND VOLTAGE: Alternating current, single-phase and three-phase four-wire Y connected at 208Y/120 volts, or under certain conditions three-phase four-wire, Y connected at 480Y/277 volts.

In certain city districts, alternating current is supplied from a Y connected secondary network from which 120/208 volt three-wire service may be taken.

RATE PER MONTH:

Full Service Customers:

Power Supply Charge:
Energy Charge: 4.785¢ per kWh for all kWh

Delivery Charges:
Service Charge: \$10.85 per month
Distribution Charge: 3.341¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:
Service Charge: \$10.85 per month
Distribution Charge: 2.914¢ per kWh for all kWh

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

CONTRACT TERM: Open order, terminable on three days' written notice by either party.

MINIMUM CHARGE: The Service Charge.

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission
January 31, 2006
Filed _____

EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

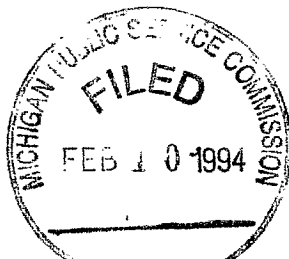
Standard Contract Rider No. 1 Electric Melting rate terminated as of January 22, 1994.

HOLD FOR FUTURE USE

M/135

Issued: January 27, 1994
By: L. G. Garberding
Executive Vice President
and Chief Financial Officer
2000 Second Avenue
Detroit, Michigan 48226

Effective for service rendered on
and after January 22, 1994 under
authority of order of the Michigan
Public Service Commission dated
January 21, 1994 in Case U-10102



Changes made to reflect deletion of D6.2 Primary Space Conditioning Rate

Standard Contract Rider No. 1.1

Alternative Electric Metal Melting

APPLICABLE TO:

General Service Rate
Large General Service Rate
Primary Supply Rate
Alternative Primary Supply Rate
Interruptible Supply Rate

Schedule Designation D3
Schedule Designation D4
Schedule Designation D6
Schedule Designation D6.1
Schedule Designation D8

Customers operating electric furnaces for metal melting or for the reduction of metallic ores and/or electric use consumed in holding operations and taking their supply at any of the above rates and who provide special circuits so that the Company may install necessary meters, may take service under this Rider subject to Rule B2.4 - Choice of Rates.

Customers shall be subject to immediate interruption on short-term notice if necessary, in order to maintain system integrity. The customer shall be provided, whenever possible, notice in advance of probable interruption and estimated duration of interruption.

Non-Compliance Penalty: A customer who does not interrupt within one hour following a system integrity interruption order shall be billed at the rate of \$50 per kW for the highest 30-minute kW demand created during the interruption period in addition to the prescribed monthly rate.

Electric energy from any facilities, other than the Company's, except for on-site generation installed prior to January 1, 1986, will be used to first reduce the sales on this rider. Standby service will not be billed at this rider, but must be taken under Riders No. 3, No. 5 or No. 6.

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:

Energy Charges:

For service at secondary voltage level (less than 4.8 kV)
6.943¢ for the first 100 hours use of maximum demand
4.002¢ for the excess

For service at primary voltage level (4.8 kV to 13.2 kV)
6.128¢ for the first 100 hours use of maximum demand
3.423¢ for the excess

For service at subtransmission voltage level (24 kV to 41.6 kV)
6.057¢ for the first 100 hours use of maximum demand
3.314¢/kWh for the excess

For service at transmission voltage level (120 kV and above)
5.928¢/kWh for the first 100 hours use of maximum demand
3.261¢/kWh for the excess

(Continued on [Sheet No. R1.1a](#))

Michigan Public Service
Commission

October 2, 2006

Filed 

ISSUED OCTOBER 2, 2006
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER SEPTEMBER 5, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED AUGUST 31, 2006
IN CASE NO. U-14838

(Continued From [Sheet No. R1.1](#))

Standard Contract Rider No. 1.1 (Continued) Alternative Electric Metal Melting

Delivery Charges:

Distribution Charges:

For service at secondary voltage level (less than 4.8 kV)

2.154¢ for the first 100 hours use of maximum demand

1.104¢ for the excess

For service at primary voltage level (4.8 kV to 13.2 kV)

1.876¢ for the first 100 hours use of maximum demand

0.944¢ for the excess

For service at subtransmission voltage level (24 kV to 41.6 kV)

1.859¢ for the first 100 hours use of maximum demand

0.901¢/kWh for the excess

For service at transmission voltage level (120 kV and above)

1.837¢/kWh for the first 100 hours use of maximum demand

0.902¢/kWh for the excess

Substation Credit: Available to customers where service at sub-transmission voltage (24 kV to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of 0.3¢/kWh will be applied to the energy use associated with the first 100 hours use of maximum demand.

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:

Distribution Charges:

For service at secondary voltage level (less than 4.8 kV)

2.224¢ for the first 100 hours use of maximum demand

1.173¢ for the excess

For service at primary voltage level (4.8 kV to 13.2 kV)

1.923¢ for the first 100 hours use of maximum demand

0.991¢ for the excess

For service at subtransmission voltage level (24 kV to 41.6 kV)

1.907¢ for the first 100 hours use of maximum demand

0.950¢/kWh for the excess

For service at transmission voltage level (120 kV and above)

1.885¢/kWh for the first 100 hours use of maximum demand

0.950¢/kWh for the excess

Substation Credit: Available to customers where service at sub-transmission voltage (24 kV to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of 0.3¢/kWh will be applied to the energy use associated with the first 100 hours use of maximum demand.

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

(Continued on Sheet No. R1.1b)

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service Commission
January 31, 2006
Filed 

EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

(Continued From Sheet No. R1.1a)

Standard Contract Rider No. 1.1 (Continued) Alternative Electric Metal Melting

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MAXIMUM DEMAND: The maximum demand shall be the highest 30-minute integrated demand created during the current billing month. This clause is applicable to each voltage level served.

MINIMUM CHARGE: A monthly minimum charge of \$2.10 per kW of contract capacity shall be applied to that portion of the customer's load which is served under this rider. This minimum charge will be waived if the customer over the past 12 months (including the current bill), or from the start of the contract term if less than 12 months, has averaged \$2.10 per kW per month in revenues. This minimum charge is in addition to the minimum charge under the above rates.

POWER FACTOR CLAUSE (Retail Access Service Customers Only): A power factor of less than 70% is not permitted and necessary corrective equipment must be installed by the Customer to correct to a minimum level of 70%. Power factor and excess Reactive Demand charges will be calculated at each Customer location at the time of the Location's single highest 30-minute integrated kW reading of the Interval Demand Meter during the on-peak hours of the billing period, which are those hours from 7 a.m. until 11 p.m. consistent with the ITC Open Access Transmission Tariff. Excess Reactive Demand is any Reactive Demand resulting from operations below 80% power factor. A monthly charge of \$3.50/kVAR will be applied to excess Reactive Demand.

CONTRACT CAPACITY: Customers shall contract for a specified capacity in kilowatts sufficient to meet the normal maximum requirements of the load qualifying for service under this rider. Any single reading of the demand meter in any month that exceeds the contract capacity then in effect shall become the new contract capacity. The contract capacity for this rider shall not be included in the contract capacity established for the filed rate which is used in conjunction with this rider.

SPECIAL TERMS AND CONDITIONS: The customer is responsible for all new facilities and lines required for service under this rider. Said facilities and lines must meet all Company standards. The Company at its option may install and own said facilities under the provisions of Standard Contract Rider No. 2.

TERM: This Standard Contract Rider will terminate on December 31, **2008**.

ISSUED FEBRUARY 27, 2006
M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission

February 27, 2006

Filed _____


EFFECTIVE FOR BILLS RENDERED ON AND
AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

Changes made to reflect deletion of D6.2 Primary Space Conditioning Rate

Standard Contract Rider No. 1.2

Electric Process Heat

APPLICABLE TO:	General Service Rate	Schedule Designation D3
	Large General Service Rate	Schedule Designation D4
	Primary Supply Rate	Schedule Designation D6
	Alternative Primary Supply Rate	Schedule Designation D6.1
	Interruptible Supply Rate	Schedule Designation D8

Customers using electric heat as an integral part of a manufacturing process, or electricity as an integral part of an anodizing, plating or coating process, and taking their supply at any of the above rates and who provide special circuits to accommodate separate metering may take service under this Rider subject to Rule B2.4 - Choice of Rates.

This Rider is available only to customers who add new load on or after May 1, 1986 to engage in the above described processes and to customers served on R1.1 prior to May 1, 1986 and engaged in the above described processes.

Customers shall be subject to immediate interruption on short-term notice if necessary, in order to maintain system integrity. The customer shall be provided, whenever possible, notice in advance of probable interruption and estimated duration of interruption.

Non-Compliance Penalty: A customer who does not interrupt within one hour following a system integrity interruption order shall be billed at the rate of \$50 per kW for the highest 30-minute kW demand created during the interruption period in addition to the prescribed monthly rate.

Electric energy from any facilities, other than the Company's, except for on-site generation installed prior to January 1, 1986, will be used to first reduce the sales on this rider. Standby service will not be billed at this rider, but must be taken under Riders No. 3, No. 5 or No. 6.

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:

Energy Charges:

For service at secondary voltage level (less than 4.8 kV)

6.943¢ for the first 100 hours use of maximum demand

4.002¢ for the excess

For service at primary voltage level (4.8 kV to 13.2 kV)

6.128¢ for the first 100 hours use of maximum demand

3.423¢ for the excess

For service at subtransmission voltage level (24 kV to 41.6 kV)

6.057¢ for the first 100 hours use of maximum demand

3.314¢/kWh for the excess

For service at transmission voltage level (120 kV and above)

5.928¢/kWh for the first 100 hours use of maximum demand

3.261¢/kWh for the excess

(Continued on [Sheet No. R1.2a](#))

ISSUED OCTOBER 2, 2006
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission

October 2, 2006

Filed



EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER SEPTEMBER 5, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED AUGUST 31, 2006
IN CASE NO. U-14838

(Continued From [Sheet No. R1.2](#))

Standard Contract Rider No. 1.2 (Continued)

Electric Process Heat

Delivery Charges:

Distribution Charges:

For service at secondary voltage level (less than 4.8 kV)

2.154¢ for the first 100 hours use of maximum demand

1.104¢ for the excess

For service at primary voltage level (4.8 kV to 13.2 kV)

1.876¢ for the first 100 hours use of maximum demand

0.944¢ for the excess

For service at subtransmission voltage level (24 kV to 41.6 kV)

1.859¢ for the first 100 hours use of maximum demand

0.901¢/kWh for the excess

For service at transmission voltage level (120 kV and above)

1.837¢/kWh for the first 100 hours use of maximum demand

0.902¢/kWh for the excess

Substation Credit: Available to customers where service at sub-transmission voltage (24 kV to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of 0.3¢/kWh will be applied to the energy use associated with the first 100 hours use of maximum demand.

Surcharges and Credits: As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:

Distribution Charges:

For service at secondary voltage level (less than 4.8 kV)

2.224¢ for the first 100 hours use of maximum demand

1.173¢ for the excess

For service at primary voltage level (4.8 kV to 13.2 kV)

1.923¢ for the first 100 hours use of maximum demand

0.991¢ for the excess

For service at subtransmission voltage level (24 kV to 41.6 kV)

1.907¢ for the first 100 hours use of maximum demand

0.950¢/kWh for the excess

For service at transmission voltage level (120 kV and above)

1.885¢/kWh for the first 100 hours use of maximum demand

0.950¢/kWh for the excess

Substation Credit: Available to customers where service at sub-transmission voltage (24 kV to 41.6 kV) or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of 0.3¢/kWh will be applied to the energy use associated with the first 100 hours use of maximum demand.

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

(Continued on Sheet No. R1.2b)

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN



EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

(Continued From [Sheet No. R1.2a](#))

Standard Contract Rider No. 1.2 (Continued)

Electric Process Heat

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MAXIMUM DEMAND: The maximum demand shall be the highest 30-minute integrated demand created during the current billing month. This clause is applicable to each voltage level served.

MINIMUM CHARGE: A monthly minimum charge of \$2.10 per kW of contract capacity shall be applied to that portion of the customer's load which is served under this rider. This minimum charge will be waived if the customer over the past 12 months (including the current bill), or from the start of the contract term if less than 12 months, has averaged \$2.10 per kW per month in revenues. This minimum charge is in addition to the minimum charge under the above rates.

POWER FACTOR CLAUSE (Retail Access Service Customers Only): A power factor of less than 70% is not permitted and necessary corrective equipment must be installed by the Customer to correct to a minimum level of 70%. Power factor and excess Reactive Demand charges will be calculated at each Customer location at the time of the Location's single highest 30-minute integrated kW reading of the Interval Demand Meter during the on-peak hours of the billing period, which are those hours from 7 a.m. until 11 p.m. consistent with the ITC Open Access Transmission Tariff. Excess Reactive Demand is any Reactive Demand resulting from operations below 80% power factor. A monthly charge of \$3.50/kVAR will be applied to excess Reactive Demand.

CONTRACT CAPACITY: Customers shall contract for a specified capacity in kilowatts sufficient to meet the normal maximum requirements of the load qualifying for service under this rider. Any single reading of the demand meter in any month that exceeds the contract capacity then in effect shall become the new contract capacity. The contract capacity for this rider shall not be included in the contract capacity established for the filed rate which is used in conjunction with this rider.

SPECIAL TERMS AND CONDITIONS: The customer is responsible for all new facilities and lines required for service under this rider. Said facilities and lines must meet all Company standards. The Company at its option may install and own said facilities under the provisions of Standard Contract Rider No. 2.

TERM: This Standard Contract Rider will terminate on December 31, **2008**.

Michigan Public Service
Commission

February 27, 2006

Filed 

ISSUED FEBRUARY 27, 2006
M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

STANDARD CONTRACT RIDER NO. 2
SPECIAL PURPOSE FACILITIES

APPLICABLE TO: All Filed Rates.

The Company is, from time-to-time, required to install special facilities to accommodate extraordinary requirements of the customers. This results in investment in facilities that are provided for the exclusive use of the specific customer and not available to the Company for general revenue purposes. Inasmuch as such installations do not provide the proportionality of revenue to investment available in the general case, the service supplied will be subject to the following conditions:

Where the customer requests:

1. A second source of power to supply redundant service.* The second source of power to customers served from the overhead distribution system will normally be supplied from the underground distribution system.
2. Special facilities for uses, which in the opinion of the Company, will be disturbing to the normally accepted quality of commercial power.
3. Oversized equipment.
4. Special facilities not otherwise covered under B3.3.

The special or additional facilities can be provided under two options.

Option I:

1. Advance:

Prior to construction the customer will advance to the Company the total amount of the estimated construction costs.

2. Refund:

- (a) The Company will refund to the customer 40% of the additional annual revenue for each of the first five years of metered use. The refund, without interest, will be made one month after each full year of service. There will be no refunds for a second source of service supply or oversized equipment.
- (b) The customer will be entitled to an additional refund if there is additional utilization of the equipment by others within the first five years of service. The refund will be based on the additional annual revenue received, the portion of equipment utilized, and the time remaining to refund the original advance.
- (c) The refund cannot exceed the advance under any condition.

(Continued on next sheet)

*Where Company policy prescribes two-line service, provisions of this rider will not apply.

M/136

Issued: August 15, 1985
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226



Effective on service rendered on and after July 16, 1985, under authority of Order of the Michigan Public Service Commission dated July 16, 1985 in Case U-7660.

STANDARD CONTRACT RIDER NO. 2-Continued
SPECIAL PURPOSE FACILITIES

3. Service Charge:

There will be a monthly charge, upon the beginning of service, equal to one-half of one percent of the advance less any refund. This charge is required to cover property taxes, insurance and maintenance and is applicable as long as the service is used.

Option II:

1. Financing:

As an alternative to the customer advancing the total amount of the estimated construction costs, the Company may finance the special or additional facilities. There would be a monthly service charge (or in special cases a minimum charge, the application of which would be determined by the Company) of 1 1/2% of the investment in the special or additional facilities.

2. Adjustment:

- (a) At the end of each year during the first five years the investment base will be reduced by 40% of the additional annual revenue from the metered use with an adjustment in the service charge. There will be no reduction in investment base or adjustment to the service charge for a second source of service supply or oversize equipment.
- (b) If there is additional utilization by others of the lines or equipment during the first five years, there will be an adjustment to the investment base and service charge based on the prorata capacity used by others.

CONTRACT TERM: The rate for service is revised by this rider modifying the contract form prescribed for one of the applicable filed rates. The contract term as to special charge is for a five year period extending thereafter from month-to-month until terminated by mutual consent or by thirty days' notice by either party, which may be given any time after the end of the fifth year.

M/137

Issued: August 15, 1985
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226



Effective on service rendered on and after July 16, 1985, under authority of Order of the Michigan Public Service Commission dated July 16, 1985 in Case U-7660.

Standard Contract Rider No. 3

Parallel Operation and Standby Service

APPLICABLE TO:	General Service Rate	Schedule Designation D3
	Interruptible General Service Rate	Schedule Designation D3.3
	Large General Service Rate	Schedule Designation D4
	Primary Supply Rate	Schedule Designation D6
	Alternative Primary Supply Rate	Schedule Designation D6.1
	Transitional Primary Supply Rate	Schedule Designation D7
	Interruptible Supply Rate	Schedule Designation D8
	Secondary Pumping	Schedule Designation E5

STANDBY SERVICE: Customers who desire the Company to serve the power supply requirements of load that is normally served by the customer's generator or prime mover must take standby service under the provisions of this rider unless otherwise exempted by order of the Michigan Public Service Commission and must take supplemental service on one of the applicable filed rates listed above. Customers who desire to run electrical generating equipment in parallel with the Company's system must have written permission by the company for parallel operation.

Customers purchasing their entire energy requirements from the Company with generators or prime movers installed for use only in emergency will not be considered as taking standby service.

All customers taking service under this rider must install the necessary equipment to permit metering. The Company will supply the metering equipment.

PARALLEL OPERATION: The customer must meet the interconnection requirements of Detroit Edison specified in "The Michigan Electric Utility Generator Interconnection Requirements" as approved by the Michigan Public Service Commission, and must enter into an Interconnection and Operating Agreement with the Company before parallel operation will be permitted. Operating in parallel with the Company's system without written approval by the Company of the interconnection and any subsequent changes to the interconnection will make the customer subject to disconnection.

Except for the acts or omissions of the Company's employees or agents which occur on the Customer's side of the point of interconnection the customer shall indemnify, defend and hold the Company and its officers, agents and employees harmless from any liabilities, claims, losses, demands, costs, damages or damage which (i) occur on the Customer's side of the point of interconnection resulting from the installation, maintenance, possession or operation of the Facility, or (ii) occur on the Company's side of the point of interconnection up to the first point of the Company's General Facility Protection if at the time of the injury or damage, the Company is not providing electric energy to the customer and the injury or damage was caused by the customer's intentional defeat of the protective relays.

The Company shall indemnify, defend and hold the Customer and its officers, agents and employees harmless from any liabilities, claims, losses, demands, costs, damages or judgments, including reasonable attorneys' fees, arising out of all personal injuries or property damages which occur on the Company's side of the point of interconnection resulting from the installation, maintenance, possession or operation of the Company's General Facilities; (i) except for the acts or omissions of the Customer's employees or agents which occur on the Company's side of the point of interconnection; and (ii) except for those injuries or damages for which the Customer is to indemnify the Company pursuant to the preceding paragraph.

(Continued on [Sheet No. R3a](#))

**ISSUED AUGUST 15, 2006
M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN**

Michigan Public Service
Commission
August 15, 2006
Filed 

**EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399**

(Continued From Sheet No. R3)

Standard Contract Rider No. 3 (Cont'd) Parallel Operation and Standby Service

The Customer **taking service under this rider** shall maintain and furnish current evidence of comprehensive general liability insurance in the amount of \$2,000,000 per occurrence. This insurance can be a combination of primary and excess insurance. The Company shall be named as an additional insured under the customer's policy. The customer need not provide insurance if it can demonstrate that its current assets exceed current liabilities by \$7,500,000 or more. If the customer fails to provide insurance or does not meet the requirements of the preceding sentence for waiver of insurance, then the Company will purchase insurance in the amount of \$2,000,000 to protect the Company (but not the customer). The cost of such insurance will be paid by the customer. The customer's insurance, its waiver, or insurance purchased by the Company shall not limit the Customer's indemnity obligations. Parallel operation will not be permitted (or will be terminated) if the Customer fails to provide insurance, meet the waiver requirements or pay the cost of insurance obtained by the Company.

STANDBY CONTRACT CAPACITY: Standby contract capacity in kW will be established for electric capacity sufficient to meet the customer's standby load according to the following method.

- (a) If the customer's generating unit has a least 5000 hours of metered operation with output greater than zero kW over the latest 12-month period, then the standby contract capacity for the next 12 months will be set at the 1001st highest hourly kW output.

At the customer's option, the standby contract capacity for June through October will be set at the 501st highest hourly kW output during the months of June through October and the standby contract capacity for November through May will be set at the 501st hourly kW output during the months of November through May. A customer may not later choose the 1001-hour determination above, unless with the Company's permission for permanent changes in the customer's facilities.

For multiple generating units, "output" means the simultaneous output of all units.

- (b) If the customer's generating unit does not have at least 5000 hours of metered operation with output greater than zero kW over the latest 12-month period, then the standby contract capacity will be set at the generator's nameplate rating for one year, after which time paragraph (a) above will apply if the generator's output has been greater than zero for at least 5000 hours. If not, then the standby contract capacity will continue at nameplate rating for the next 12-month period. Where multiple nameplate ratings are specified, the rating at 60 degrees Fahrenheit will be used.
- (c) For customers demonstrating unusual operating conditions, including but not limited to generation greater than the customer's own load, standby contract capacity may be set by mutual agreement of the Company and the customer.
- (d) For generators which do not operate during the months of November through May, standby contract capacity will be set at zero for November through May and will be set at the nameplate rating for June through October.
- (e) The standby contract capacity shall not be decreased over the life of the contract, except by mutual agreement of the Company and the customer for permanent changes in a customer's facilities and except as provided for in paragraph (f) below. Such a reduction in standby contract capacity will not be allowed more than once per year.
- (f) The standby contract capacity will be adjusted on an annual basis according to paragraphs (a) and (b) above.

(Continued on Sheet No. R3b)

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN



EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

(Continued From [Sheet No. R3a](#))

Standard Contract Rider No. 3 (Cont'd) Parallel Operation and Standby Service

- (g) For customers with multiple generating units which do not have 5000 hours of metered operation with simultaneous output greater than zero over the latest 12-month period, the standby contract capacity may be set by mutual agreement of the Company and the Customer for one year.
- (h) For the first time only that a customer takes service under this rider, if the customer has not previously operated in parallel with the company's system and if the customer's generating unit does not have at least 5000 hours of metered operation with output greater than zero over the latest 12-month period, then the standby contract capacity will be set at zero kW for 30 days, after which paragraph (b) above will apply.

SUPPLEMENTAL POWER: Supplemental power is electric energy and capacity provided by Detroit Edison to serve the customer's total internal load which is in addition to that portion of the customer's total internal load equal to the standby contract capacity. For each point of service, total internal load equals the output of the customer's generation plus the power supplied by the Company. Supplemental demand equals total internal load less standby contract capacity, but not less than zero. Supplemental power will be billed under the applicable rate schedule for supplemental service ("supplemental rate schedule").

METERING REQUIREMENTS: The output of customer generation or, if appropriate, the load served by another source of power or the customer's prime mover will be metered by Detroit Edison. For customers served on supplemental rate schedules D3, D3.3, D4, and E5, the entire load served by the Company will be metered with demand-recording equipment.

RATES:

Power Supply Charges:

Monthly Generation Reservation Fee:

\$0.63 times the standby contract capacity in kW, per month.

Demand Charges:

A daily on-peak demand charge for back-up or maintenance demand will be charged based on the determination of supplemental and back-up or maintenance power coincident with the daily highest 30-minute integrated reading during on-peak hours of the demand meter which measures the total load served by Detroit Edison.

The daily on-peak demand charge for back-up power is **\$0.73** per kW per day. Back-up demand equals standby contract capacity minus the 30-minute output of the customer's generator, but not less than zero, and not greater than the total load served by the Company, measured during periods other than maintenance periods as defined below. If the customer's total internal load is less than or equal to the output of the generator, then back-up demand will be zero for that day.

The daily on-peak demand charge for maintenance power is **\$0.40** per kW per day. Maintenance demand equals standby contract capacity minus the 30-minute output of the customer's generator, but not less than zero, and not greater than the total load served by the Company, during maintenance periods as defined below. If the customer's total internal load is less than or equal to the output of the generator, then maintenance demand will be zero for that day.

(Continued on [Sheet No. R3c](#))

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service Commission
January 31, 2006
Filed 

EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

(Continued From Sheet No. R3b)

Standard Contract Rider No. 3 (Cont'd) Parallel Operation and Standby Service

Energy Charge:

An energy charge for back-up and maintenance power will be charged based on standby contract capacity less the output of the customer's generator, but not less than zero. For customers served on supplemental rate schedules D4, D6, D6.1, D7 and D8, the energy charge will be the D6 on-peak energy charge, 2.364¢ per kWh, plus appropriate credits and surcharges, including but not limited to off-peak credit, voltage level credit, and substation credit. For customers served on supplemental rate schedules D3, D3.3, and E5, the energy charge will be the applicable energy charge plus surcharges less a credit per kWh equal to the non-generation fixed charge per kW, \$3.80, divided by 500, applied to the first 500 hours use of standby contract capacity per month for back-up or maintenance power. The energy as stated herein, is also subject to the provision of schedule designation B-4.6 PSCR clause.

Waivers and limits for demand/energy rates:

For customers served on supplemental rates schedules D4, D6, D6.1 and D8, the following applies.

If the total of daily demand charges for the month is less than the monthly generation reservation fee, then the daily demand charges will be waived for that month.

If the total of daily demand charges for the month is greater than the monthly generation reservation fee, then the generation reservation fee will be waived for that month.

If the total of daily demand charges for the month is greater than the D6 on-peak billing demand charge times the standby contract capacity plus the difference between the product of the D6 maximum demand charge times the standby contract capacity and the standby distribution charges, then the customer will pay the D6 on-peak billing demand charge times the standby contract capacity plus the above difference. For customers on supplemental rate schedule D4, the above difference will be set to zero.

Waivers and limits for energy-only rates:

For customers served on supplemental rates schedules D3, D3.3, and E5, the following applies.

If the total of daily demand charges for the month is less than the monthly generation reservation fee, then the daily demand charges will be waived for that month.

If the total of daily demand charges for the month is greater than the monthly generation reservation fee, then the daily demand charges will be waived for that month provided that the supplemental rate continues as an energy-only rate. If not, then paragraphs (6)(b) and (6)(c) above will apply.

Power Supply Pricing Option:

This option is available to customers desiring to have power supply standby energy service priced on the basis of the real time MISO locational hourly marginal energy price for the Detroit Edison-appropriate load node. Standby energy service is limited to unforeseen generator outages, deviations from standby contract capacity and maintenance. In addition to the MISO locational hourly marginal energy price the following charges will also apply:

0.55¢/kWh for MISO network transmission costs and MISO energy market costs plus,

An administrative charge of 0.20¢/kWh plus,

A voltage level service adder of 1% for transmission, 2% for subtransmission, 7% for primary, and 12% for secondary.

This option will continue until **the Commission issues its final order in MPSC Case No. U-15244.**

Michigan Public Service
Commission

(Continued on Sheet No. R3d)

ISSUED JANUARY 9, 2008
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

January 10, 2008

Filed RJ

DETROIT, MICHIGAN

EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER DECEMBER 4, 2007 UNDER
AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 4, 2007
IN CASE NO. U-15244

(Continued From [Sheet No. R3c](#))

Standard Contract Rider No. 3 (Cont'd) Parallel Operation and Standby Service

Delivery Charges:

Service Charge:

- \$210.00 per customer per month for customers served at primary voltages and above.
- \$ 70.00 per customer per month for customers served at secondary voltages.

Distribution Charge:

Distribution charges will be as follows. For standby contract capacity set according to paragraph (d) of the "Standby Contract Capacity" section above, the charge for all months will be based on the standby contract capacity specified for June through October.

- \$2.37 per kW at transmission voltage applied to the standby contract capacity**
- \$2.77 per kW at subtransmission voltage applied to the standby contract capacity**
- \$4.77 per kW at primary voltage applied to the standby contract capacity**
- 4.409¢ per kWh of secondary standby energy delivered**

Substation Credit: Available to customers served at subtransmission voltage level (24 to 41.6 kW) or higher who provide the on-site substation including all necessary transforming, controlling, and protective equipment. A credit of \$.30 per kW shall be applied to the non-generation charge per kW of standby capacity.

MAINTENANCE PERIODS: A customer may specify, subject to conditions below set by the Company, up to 20 on-peak days during a year as maintenance days. In addition, the day after Thanksgiving and on-peak days occurring during the period from December 24 through January 1 plus contiguous recognized legal holidays may be scheduled as maintenance days subject to conditions below excluding (d). A maintenance day is a calendar 24-hour day.

Conditions:

- (a) The customer must request maintenance days in writing.
- (b) The Company must receive the request at least 45 days before the first requested maintenance day.
- (c) Requests will be honored according to the date received.
- (d) Requests may be refused by the Company if they conflict with the Company's own schedule of maintenance and expected demands. The Company will offer alternative maintenance days.
- (e) After the Company and the customer have agreed upon maintenance days, if there is a substantial change in circumstances which make the agreed upon schedule impractical for either party, the other party upon request shall make reasonable efforts to adjust the schedule in a manner that is mutually agreeable.

(Continued on [Sheet No. R3e](#))

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN



EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

(Continued From Sheet No. R3d)

Standard Contract Rider No. 3 (Cont'd) Parallel Operation and Standby Service

ADJUSTMENT OF PRIOR RATCHETS: When a customer takes standby service under Rider No. 3, the setting or the increasing or decreasing of standby contract capacity will affect the existing ratchet levels on the supplemental rate as follows:

- (a) An amount in kW equal to the initial standby contract capacity (or to the increase or decrease) will be subtracted from (or subtracted from or added to) the existing ratcheted maximum demand level for customers on supplemental rates D6, D6.1, D7 **and** D8.
- (b) An amount in kW equal to 65% of the initial standby contract capacity (or of the increase or decrease) will be subtracted from (or subtracted from or added to) the existing ratcheted on-peak billing demand level for customers on supplemental rates D4, D6, D6.1, D7, and D8.

INTERRUPTIBLE STANDBY SERVICE:

- (a) Interruptible standby service is supplied in conjunction with supplemental rates D8 and D3.3, provided that the customer qualifies for D8 or D3.3 under the provisions of the respective rates.
- (b) For customers taking service on supplemental rate D8, the daily demand charge for back-up power and maintenance power will be waived on a day that the Company requests interruption, provided that the customer is assessed neither a non-interruption fee nor a non-interruption penalty under the terms of the D8 rates.
- (c) For customers taking service on supplemental rate D3.3, the customer's generator, prime mover, or other source of energy must be connected only to the interruptible circuit. The energy charge for back-up power and maintenance power will be the same as the energy charge for the D3.3 rate. The daily demand charge will be waived on a day that the Company interrupts the circuit.
- (d) Interruptible standby service will also be supplied in conjunction with any new interruptible supplemental rates approved by the Michigan Public Service Commission after January 1, 1989, under terms to be incorporated in this section.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

SCHEDULE OF ON-PEAK HOURS: See Schedule Designation B-4.4

POWER FACTOR CLAUSE: The rates and charges under this tariff are based on the customer maintaining a power factor of not less than 85% lagging. Customers are responsible for correcting power factors less than 70% at their own expense. The size, type and location of any power factor correction equipment must be approved by the Company. Such approval will not be unreasonably withheld. A penalty will be applied to the total amount of the monthly billing for supplemental and standby service for power factor below 85% lagging in accordance with the table in Power Factor Determination, Schedule Designation B-4.5. The penalty will not be applied to the on-peak billing demand ratchet nor to the minimum contract demand of the supplemental rate, but will be applied to metered quantities.

(Continued on Sheet No. R3f)

Michigan Public Service
Commission
August 15, 2006
Filed 

ISSUED AUGUST 15, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON AND
AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

THIS SHEET RESERVED FOR FUTURE USE

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service Commission
January 31, 2006
Filed 

EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

**STANDARD CONTRACT RIDER NO. 3
PARALLEL OPERATION AND SERVICE**

SPECIAL TERMS AND CONDITIONS: Customer-owned equipment must be operated so that voltage fluctuations on the Company's system shall not exceed permissible limits.

Upon the request of a customer, the Company will provide monthly reports of the data from the meters measuring the load served by the Company and the output of the customer's generators, for a charge of \$10.00 per report per month. Each report contains data from one meter.

Application of Rider No. 2 for redundant service for customers served under this rider will be the same as for customers without generating equipment.

Service under this rider will not be affected by ownership of the generation facility provided that: (1) the generation facility is located on the customer's site, (2) the load served by the generation facility is on the same site, and (3) the total output of the generation facility is utilized by the customer or sold to the Company.

CONTRACT TERM: The contract term is for a five-year period unless terminated by mutual consent and extending thereafter from month to month until terminated by mutual consent or by thirty day's written notice by either party.

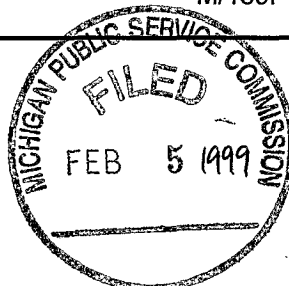
DISPUTE RESOLUTION PROCEDURE: Any customer who disputes a determination or interpretation made by the Company under this rider may deliver a written notice of such dispute to the customer's service representative at the Company. The Company will respond to the notice in writing within 20 working days.

Disputes between the Company and the customer may be presented to the Michigan Public Service Commission for informal resolution.

Any customer who disputes a determination made by the Company under this rider may at any time file a formal complaint with the Office of the Secretary of the Michigan Public Service Commission.

M/139f

Issued: January 25, 1999
By: L.G. Garberding
Executive Vice President
and Chief Financial Officer
2000 Second Avenue
Detroit, Michigan 48226



Effective for service rendered on and after January 1, 1999 under authority of order of the Michigan Public Service Commission in Case U-11726 dated December 28, 1998

Standard Contract Rider No. 4

Resale of Service

APPLICABLE TO:	General Service Rate	Schedule Designation D3
	Large General Service Rate	Schedule Designation D4
	Primary Supply Rate	Schedule Designation D6
	<u>Retail Access Service Tariff</u>	<u>Schedule Designation EC2</u>

Electricity supplied to a customer is for his exclusive use on the premises to which it is delivered by the Company. Customers desiring to resell electric service to their tenants must secure authority from the Company which will be evidenced by a rider attached to the contract for service. Resale option is closed to new service or expanded service for resale for residential service as of March 31, 1979.

If the reselling customer elects to take service under the Detroit Edison Retail Access Service Tariff, the ultimate user (residential, commercial or industrial customer) shall be served and charged for such service under the Retail Access Service Tariff in the Company's rate schedule available for similar services under like conditions.

The reselling customer shall provide notice to tenants of the decision to obtain electric service pursuant to the Retail Access Service Tariff and that as a result power supply charges are no longer regulated by the Michigan Public Service Commission.

MULTIPLE OCCUPANCY BUILDINGS:

The owner or operator of an office building, apartment building, etc., with at least thirty tenants (or less at the option of the Company where extensions of the Company service to the individual tenants is impractical) whose combined requirements regularly exceed 20,000 kilowatthours per month, may purchase electric energy from the Company for resale to the tenants of the building on condition that service to each tenant shall be separately metered, and that the tenants shall be charged for such service the current rate of the Company for similar service under like conditions.

No landlord may charge his tenants more nor less for resold electric service purchased from the Company than the tenants would be charged by the Company if served directly. If this requirement is violated, the Company may refuse service to the building. The renting of premises with the cost of electric service included in the rental is held not to be a resale of service. The Company does not furnish nor maintain meters for the resale of energy by landlords to tenants.

MOBILE HOME PARKS:

In some cases it is not practical for the Company to furnish service directly to individual mobile homes in mobile home parks. Because of this, the park operators may purchase electric energy from the Company for resale to tenants, provided that service to each tenant buying energy shall be separately metered and billed at the Company's Residential Service Rate.

The Operator shall provide the distribution system in the park and meters acceptable to the Company suitably protected from the weather. The Operator may purchase meters from the Company when available, or from a vendor other than the Company.

If an Operator resells energy without complying with the above provisions, the Company may refuse service to him.

CONTRACT TERM: The customer may take service at any applicable filed rate listed above but he will be required to sign a rider modifying the contract form prescribed for one of the applicable filed rates.

(Continued on Sheet No. R4a)

ISSUED DECEMBER 14, 2004
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS
DETROIT, MICHIGAN

Michigan Public Service
Commission
January 4, 2005
Filed J.K.B.

EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER NOVEMBER 24, 2004
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED NOVEMBER 23, 2004
IN CASE NO. U-13808

(Continued From Sheet No. R4)

Standard Contract Rider No. 4 (Continued)

Resale of Service

The service contract shall provide that each ultimate user's billing shall be audited once every nine (9) to fifteen (15) months. At the option of the reselling customer, the audit will be conducted either by the Company or by an independent auditing firm, approved by the Company. The reselling customer will be assessed a reasonable fee for an audit conducted by the Company. Where the audit is conducted by an independent auditing firm, a certified copy of the results of such audit shall be immediately submitted to the Company in a form approved by the Company.

The service contract shall also provide that the reselling customer will be responsible for the testing of the ultimate user's meters at least once every three (3) years, and that the accuracy of such meters be maintained within the limits as prescribed in Michigan Public Service Commission Order No. U-6400. Meters shall be tested only by outside testing services or laboratories approved by the Company and a certified copy of all testing results shall be immediately submitted to the Company.

A record of each meter, including testing results, shall be kept by the reselling customer during his use of the meter and for an additional period of one year thereafter. When requested, the reselling customer shall submit certified copies of said test results to the Company.

The reselling customer shall supply each of his ultimate users with an electrical system adequate to meet the needs of the ultimate user with respect to the nature of service, voltage level, and other conditions of service. The customer who resells his power at Residential Rates shall receive a 15% discount on the resale portion of his bills, provided the reselling customer complies with the terms of Standard Contract Rider No. 4. Such discount shall cover the periods for which the customer provides positive evidence of compliance. **The 15% discount does not apply to customers taking service under the Retail Access Service Tariff.**

If the reselling customer fails to meet his obligations under this rule, the Company shall immediately notify the **Michigan Public Service Commission Staff**. If, after review with the reselling customer, the problem is not resolved, the Company will discontinue electric service until such time as the problem is resolved. The Company shall not incur any liability as the result of this discontinuance of electric service.

ISSUED DECEMBER 14, 2004
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS
DETROIT, MICHIGAN

Michigan Public Service
Commission

January 4, 2005

Filed JKB

EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER NOVEMBER 24, 2004
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED NOVEMBER 23, 2004
IN CASE NO. U-13808

Changes made to reflect deletion of D6.2 Primary Space Conditioning Rate

Standard Contract Rider No. 5

Cogeneration

AVAILABILITY: Customers who employ cogeneration technology as an energy source and sell electric output of their cogeneration facility to the Company may receive service under the filed rates and applicable riders:

General Service Rate	Schedule Designation D3
Interruptible General Service Rate	Schedule Designation D3.3
Large General Service Rate	Schedule Designation D4
Primary Supply Rate	Schedule Designation D6
Alternative Primary Supply Rate	Schedule Designation D6.1
Interruptible Supply Rate	Schedule Designation D8

This rate is available only to customers who obtain qualifying status from the Federal Energy Regulatory Commission. Prior to interconnection, the customer shall provide a copy of such notification to the Company.

CHARACTER OF SERVICE:

- A. Sales to customers:
 - 1. As specified under the applicable rate.
- B. Sales by the Customer to the Company:
 - 1. As specified under contractual agreement.
- C. The customer shall install, at his expense, the necessary controlling, additional metering and protective equipment according to specifications of the Company. The Company shall not be liable for damage to customer-owned equipment caused by the interconnection.
- D. Billing for both sales to and sales from the customer will be calculated by the Company.

RATE:

- A. Sales to Customers:
 - 1. As specified under the applicable filed rate.
- B. Sales by the Customer to the Company:
 - 1. New Facilities:
 - a. Energy Sales: The rate will be based on the forecasted average incremental cost of energy. The rates will recognize time-of-day price variations based on a weekly forecast.

(Continued on [Sheet No. R5a](#))

ISSUED OCTOBER 2, 2006
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service Commission
October 2, 2006
Filed _____ 

EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER SEPTEMBER 5, 2006
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MICHIGAN PUBLIC SERVICE COMMISSION
DATED AUGUST 31, 2006
IN CASE NO. U-14838

STANDARD CONTRACT RIDER NO. 5
COGENERATION-Continued

b. Capacity and Energy Sales: The rate will be based on the combined capacity and energy costs of the Belle River Power Plant, adjusted to reflect the effects of inflation between the in-service date of the cogeneration facility and the in-service date of the Belle River Power Plant. This rate, so determined, will be adjusted to be reflective of the forecasted capacity factor, availability, operating schedule and the ability of the Company to dispatch the said cogeneration unit. The rate so determined will apply to facilities with a capacity of 100 kW or less. The rate for facilities having a capacity of over 100 kW will be made under negotiated agreement.

2. Old Facilities:

a. Energy Sales: The rate will be based on the forecasted average incremental cost of energy. The rate will recognize time-of-day variations based on a weekly forecast.

b. Capacity and Energy Sales: No recognition will be made for capacity installed before November 1978 unless substantial proof is shown that the generator and protective equipment is new or equivalent to new. Refurbishing old equipment will not qualify the facility as new capacity.

3. A one mill per kilowatt-hour charge shall be assessed to all customers on this rate to offset the Company's additional administrative expenses associated with these transactions.

SPECIAL PROVISIONS AND CONDITIONS:

A. Cogeneration Capacity Sales to the Company:

1. Cogeneration Planned Maintenance: Annually the customer shall supply the Company with a schedule of all planned outages for the year in question. The customer and the Company shall agree to a maintenance schedule of mutual benefit.
2. Contract Capacity: The contract must specify the minimum and maximum kW capacity available to the utility from the cogeneration facility under normal operating conditions.
3. Availability: The customer shall supply the Company with a statement of the projected annual availability of the capacity stated in the Contract Capacity.
4. Capacity Factor: The customer shall supply the Company with a statement of the projected capacity factor and operating schedule for the cogeneration facility in question.
5. Failure of the cogeneration facility to operate at the level of performance forecasted by the customer shall result in the Company adjusting the capacity purchase price to reflect the demonstrated performance of the cogeneration facility in question.

143

Issued: September 17, 1982
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226

Effective on service rendered on
and after August 27, 1982 under
authority of Order of the Michigan
Public Service Commission dated
August 27, 1982 in Case U-6798.



STANDARD CONTRACT RIDER NO. 5
COGENERATION-Continued

- B. Maintenance or Back-up Capacity: Cogeneration customers desiring standby capacity for equipment failure or planned maintenance may contract with the Company the amount of standby capacity desired. The charge for the standby capacity will be calculated at the approved Standard Contract Rider No. 3 provision.

Optional Standby Rate: The customer may elect to pay for standby service at the following rate:

1. \$0.60 per kW per day, plus
2. the incremental energy cost associated with the energy to service the capacity, plus
3. full payment of the maximum demand charge in the rate the customer takes service

DEFINITIONS:

1. Cogeneration Technology: The sequential use of steam, exhaust steam or waste steam for the generation of electricity. The overall thermal efficiency of the cogeneration facility must always be in excess of 45%.
2. New Facility: Construction of new or additional capacity which commenced on or after November 9, 1978.
3. Old Facility: Construction of capacity which commenced before November 9, 1978.
4. Average Incremental Energy Cost: The cost of a block of energy of varying size which is normally made up of the most expensive resources, either purchased or generated, to serve firm customer load. The size of the varying block depends upon the amount of energy available from qualified facilities.

M/144

Issued: August 15, 1985
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226

Effective on service rendered on and after July 16, 1985, under authority of Order of the Michigan Public Service Commission dated July 16, 1985 in Case U-7660.



**STANDARD CONTRACT RIDER NO. 6
SMALL POWER PRODUCING FACILITIES**

AVAILABILITY: Customers who develop small power producing facilities and sell electric output from their facility to the Company may receive service under the filed rates and applicable riders:

Residential Service Rate	Schedule Designation D1
Residential Space Heating Rate	Schedule Designation D2
General Service Rate	Schedule Designation D3
Interruptible General Service Rate	Schedule Designation D3.3
Large General Service Rate	Schedule Designation D4
Primary Supply Rate	Schedule Designation D6
Alternative Primary Supply Rate	Schedule Designation D6.1
Interruptible Supply Rate	Schedule Designation D8

This rate is available only to customers who obtain qualifying status from the Federal Energy Regulatory Commission. Prior to interconnection, the customer shall provide a copy of such notification to the Company.

CHARACTER OF SERVICE:

- A. Sales to Customers:
 - 1. As specified under the applicable rate.
- B. Sales by the Customer to the Company:
 - 1. As specified under contractual agreement.
- C. The customer shall install, at his expense, the necessary controlling, additional metering and protective equipment according to specifications of the Company. The Company shall not be liable for damage to customer-owned equipment caused by the interconnection.
- D. Billing for both sales to and sales from the customer will be calculated by the Company.

RATE:

- A. Sales to Customers:
 - 1. As specified under the applicable filed rate.
- B. Sales by the Customer to the Company:
 - 1. New Facilities:
 - a. Energy Sales: The rate will be based on the forecasted average incremental cost of energy. The rates will recognize time-of-day price variations based on a weekly forecast.

(Continued on next sheet)
M/145

Issued: January 27, 1994
By: L. G. Garberding
Executive Vice President
and Chief Financial Officer
2000 Second Avenue
Detroit, Michigan 48226



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STANDARD CONTRACT RIDER NO. 6
SMALL POWER PRODUCING FACILITIES-Continued

RATE: (continued)

B. 1. (Continued)

- b. Capacity and Energy Sales: The rate will be based on the combined capacity and energy costs of the Belle River Power Plant adjusted to reflect the effects of inflation between the in-service date of the cogeneration facility and the in-service date of the Belle River Power Plant. The rate so determined will be adjusted to be reflective of the forecasted capacity, availability, operating schedule and the ability of the Company to dispatch the said small power producing facility. The rate so determined will apply to facilities with a capacity of 100 kW or less. The rate for facilities having a capacity of over 100 kW will be made under negotiated agreement.
2. Old Facilities:
 - a. Energy Sales: The rate will be based on the forecasted average incremental cost of energy. The rate will recognize time-of-day variations based on a weekly forecast.
 - b. Capacity and Energy Sales: No recognition will be made in payment for capacity installed before November 1978 unless substantial proof is shown that the generator and protective equipment is new or equivalent to new. Refurbishing old equipment will not qualify the facility as new capacity.
 3. A one mill per kilowatthour charge shall be assessed to all customers on this rate to offset the Company's additional administrative expenses associated with these transactions.

SPECIAL PROVISIONS AND CONDITIONS:

A. Small Power Producing Facility Capacity Sales to the Company:

1. Small Power Producing Facility Planned Maintenance: Annually the customer shall supply the Company with a schedule of all planned outages for the year in question. The customer and the Company shall agree to a maintenance schedule of mutual benefit.
2. Contract Capacity: The contract must specify the minimum and maximum kW capacity available to the utility from the small power producing facility under normal operating conditions.
3. Availability: The customer shall supply the Company with a statement of the projected annual availability of the capacity stated in the Contract Capacity.

146

Issued: September 17, 1982
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226



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STANDARD CONTRACT RIDER NO. 6
SMALL POWER PRODUCING FACILITIES-Continued

SPECIAL PROVISIONS AND CONDITIONS: (continued)

A. (continued)

4. Capacity Factor: The customer shall supply the Company with a statement of the projected capacity factor and operating schedule for the small power producing facility in question.
5. Failure of the small power producing facility to operate at the level of performance forecasted by the customer shall result in the Company adjusting the Capacity purchase price to reflect the demonstrated performance of the small power producing facility in question.

- B. Maintenance or Back-Up Capacity: Small power producing customers desiring standby capacity for equipment failure or planned maintenance may contract with the Company the amount of standby capacity desired. The charge for the standby capacity will be calculated at the approved Standard Contract Rider No. 3 Provision.

Optional Standby Rate: The customer may elect to pay for standby service at the following rate:

1. \$0.60 per kW per day, plus
2. the incremental energy cost associated with the energy to service the capacity, plus
3. full payment of the maximum demand charge in the rate the customer takes service.

DEFINITIONS:

1. Small Power Producing Facility: Produces electric energy solely by the use, as a primary energy source of biomass, waste, renewable resources, or any combination thereof and has a power production capability which together with any other facilities located at the same site is not greater than 80 MW.
2. New Facility: Construction of new or additional capacity which commenced on or after November 9, 1978.
3. Old Facility: Construction of capacity which commenced before November 9, 1978.
4. Average Incremental Energy Cost: The cost of a block of energy of varying size which is normally made up of the most expensive resources, either purchased or generated, to serve firm customer load. The size of the varying block depends upon the amount of energy available from qualified facilities.

M/147

Issued: August 15, 1985
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226

Effective on service rendered on and after July 16, 1985, under authority of Order of the Michigan Public Service Commission dated July 16, 1985 in Case U-7660.



Standard Contract Rider No. 7

Greenhouse Lighting Service

APPLICABLE TO: General Service Rate Schedule Designation D3
Large General Service Rate Schedule Designation D4

Available on an optional basis to customers desiring high intensity discharge lighting service for greenhouses or other environmentally controlled growing facilities as a daylight supplement. All lighting on this rider shall be separately metered. The customer will furnish, install, own, and maintain all equipment comprising the lighting system. No other device may be connected to this circuit except for controls, lighting and associated equipment.

HOURS OF SERVICE: Dusk to dawn service for circuits controlled by photo-sensitive or clock timing devices.

CURRENT, PHASE AND VOLTAGE: Alternating current, 60 hertz, single phase, nominally at 120/240 volts, three-wire; or three-phase, four-wire, Y connected at 208Y/120 volts; or under certain conditions three-phase, four-wire, Y connected at 480Y/277 volts.

RATE PER MONTH:

Full Service Customers:

Power Supply Charge:
Energy Charge: **2.150¢ per kWh for all kWh**

Delivery Charges:
Service Charge: **\$1.95 per month**
Distribution Charge: **2.213¢ per kWh for all kWh**

Surcharges and Credits: *As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.*

Retail Access Service Customers:

Delivery Charges:
Service Charge: **\$1.95 per month**
Distribution Charge: **2.414¢ per kWh for all kWh**

Surcharges and Credits: *As approved by the Commission. See Schedule Designation B-4.9.*

BILLING: Billing will be on a monthly basis.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: The Service Charge.

CONTRACT TERM: The customer shall contract to remain on this rate for at least 12 months, terminable on three days' written notice after the initial 12 months by either party. Where special services are required, or where the investment to serve is out of proportion to the revenue obtainable therefrom, the term will be as specified in the applicable rider.

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission
January 31, 2006
Filed 

EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

Standard Contract Rider No. 8

Commercial Space Heating

APPLICABLE TO: General Service Rate
Large General Service Rate

Schedule Designation D3
Schedule Designation D4

Available on an optional basis to customers desiring service for commercial space conditioning furnished through separately metered circuits to which no other device except electric space heating, water heating, air conditioning, or humidity control equipment may be connected and provided that all of the space heating must be either total electric or an electric heat pump supplemented by a fossil fuel furnace installed on a permanent basis. The customer must provide special circuits, the design and method of installation of which are approved by the Company as adapted to this service.

Electric space heating under the terms of this rider will be considered to include heating by light systems, provided the primary means of space heating at the time of maximum requirements will be furnished by the lighting system, with the balance furnished by supplementary electric heating equipment. After June 15, 1970, under the authority of the Michigan Public Service Commission in Case U-3189, service to facilities which heat by lighting is not available for premises not previously qualified for service hereunder.

RATE PER MONTH:

Full Service Customers:

Power Supply Charge:

Energy Charge: **5.575¢ per kWh** for all kWh, except that during the billing months of November through May, usage in excess of 1,000 kWh per month shall be billed at **3.369¢ per kWh**.

Delivery Charges:

Service Charge: **\$8.78 per month**
Distribution Charge: **3.750¢ per kWh for all kWh**

Surcharges and Credits: *As approved by the Commission. See Schedule Designations B-4.8 and B-4.9.*

Retail Access Service Customers:

Delivery Charges:

Service Charge: **\$8.78 per month**
Distribution Charge: **2.914¢ per kWh for all kWh**

Surcharges and Credits: *As approved by the Commission. See Schedule Designation B-4.9.*

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: The Service Charge.

(Continued on [Sheet No. R8a](#))

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission

January 31, 2006

Filed 

EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

(Continued From Sheet No. R8)

Standard Contract Rider No. 8 (Continued)

Commercial Space Heating

CONTRACT TERM: This rate is made effective by a rider modifying the contract form prescribed for one of the applicable filed rates listed above. The contract term is co-extensive with the contract term of the applicable filed rate under which service is being taken.

INSULATION STANDARDS FOR ELECTRIC HEATING: See Schedule Designation B-2.12.

OPTIONAL PROVISION FOR CERTAIN COMMON AREA ACCOUNTS: Electric heating and common area usage of apartment or condominium accounts supplied through a single meter and billed under the terms of the Domestic Space Heating Rate D2 prior to September 28, 1978 may be billed under this provision without the necessity of separate metering if an initial block of kilowatthours is billed at the current General Service Rate D3. This initial block of kilowatthours will be calculated each November by averaging the usage during the previous billing months of June through October.

Full Service Customers:

Usage in excess of the initial block of kilowatthours per month shall be billed at a **power supply charge of 5.575¢ per kilowatthour** during the billing months of June through October and **3.369¢ per kilowatthour** during the billing months of November through May. **A Distribution charge of 3.750¢ per kWh for all kWh shall also be applied.** The only service charge to be billed to a customer utilizing this provision will be the D3 service charge.

Retail Access Service Customers:

Usage in excess of the initial block of kilowatthours per month shall be billed a distribution charge of 2.914¢ per kWh for all kWh.

SUPPLEMENTAL SPACE HEATING PROVISION: This provision is available to customers taking service under the General Service Rate D3 or the Large General Service Rate D4 who purchase energy for a minimum of 10 kW of supplemental, permanently installed, electric space heating equipment. To qualify for this provision, a customer must certify in writing the amount of permanently installed space heating equipment, subject to inspection at the option of the Company, and have the said equipment on separately metered circuits to which no other device is connected. Rule B-2.12, Insulation Standards for Electric Heating, will not apply to this provision.

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN



EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

Standard Contract Rider No. 9

Economic Development

APPLICABLE TO: Primary Supply Rate
Alternative Primary Supply Rate

Schedule Designation D6
Schedule Designation D6.1

AVAILABILITY:

This rider is available to Full Service and Retail Access Service customers that add Qualifying New Load on or after January 1, 2005. Qualifying New Load is defined as load in kW that meets the following requirements:

New Locations

For new locations Qualifying New Load must be a minimum of 1,000 kW on the base rate.

Existing Locations

For existing locations Qualifying New Load must be the direct result of new equipment additions and meet the following minimum size requirements:

- 1) Qualifying New Load must be at least 20% of the highest 30-minute integrated site level demand over the previous 12 months but not less than 500 kW; and
- 2) The combined existing base rate load and Qualified New Load must be at least 1,000 kW.

Customers desiring service under this rider must provide the Company with an affidavit attesting to the addition of new equipment and the size of the Qualifying New Load.

METERING REQUIREMENTS: The Qualifying New Load shall be separately metered. The Company and Customer may – as an alternative to separate metering – mutually agree to negotiate an amount of demand or energy usage for billing under this Rider for situations where it might be cost-prohibitive to separately meter the Qualifying New Load.

RATE PER MONTH:

Full Service Customers:

Qualifying New Load will be priced per the Full Service charges for the applicable base rate and will receive an Economic Development Credit.

Economic Development Credit: An Economic Development Credit will be applied to Qualified New Load and will be equal to the difference between the Full Service Delivery Charge and the Retail Access Delivery Charge.

Surcharges and Credits: As approved by the Commission. See Schedule Designations on B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges: Qualifying New Load will be priced per the Retail Access Service delivery charges for the applicable base rate.

Surcharges and Credits: As approved by the Commission. See Schedule Designation B-4.9.

CONTRACT TERM: Customers electing service under this rider must contract for and begin taking such service on or before *the Commission issues its final order in MPSC Case No. U-15244*. The rate will be available for a three-year period beginning from the effective date of the contract.

Michigan Public Service
Commission

January 10, 2008

Filed RT

(Continued on Sheet No. R9a)

ISSUED JANUARY 9, 2008
D. G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER DECEMBER 4, 2007 UNDER
AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 4, 2007
IN CASE NO. U-15244

STANDARD CONTRACT RIDER NO. 9
ECONOMIC DEVELOPMENT

THIS RATE TERMINATED AS OF DECEMBER 31, 1996.

M/152

Issued: December 22, 1997
By: L. G. Garberding
Executive Vice President
and Chief Financial Officer
2000 Second Avenue
Detroit, Michigan 48226



Effective for service rendered on
and after January 1, 1997 under
authority of order of the Michigan
Public Service Commission dated
January 21, 1994 in Case U-10102

Standard Contract Rider No. 10

Interruptible Supply Rider

AVAILABILITY OF SERVICE: Available to Primary Supply Rate (D6) and Alternative Primary Supply Rate (D6.1) and Transitional Primary Supply Rate (D7) customers desiring interruptible service for a total of not less than 50,000 kilowatts of contracted interruptible service at a single location. The total contracted interruptible capacity on this tariff is limited to 400,000 kilowatts. This rider is effective for service rendered on and after January 1, 1993.

The contracted interruptible capacity limit on this tariff shall be increased to 525,000 kilowatts in 1994 and 650,000 kilowatts in 1995. The increase shall apply to customers desiring interruptible service for a total of not less than 5,000 kilowatts of contracted interruptible service at a single location.

In the event the total contracted interruptible capacity is less than the approved limit specified above, the Company may offer the remaining capacity to otherwise eligible customers willing to contract for less than the minimum contract capacity amounts specified above.

CURRENT, PHASE AND VOLTAGE: Alternating current, three-phase, nominally at 4,800, 13,200, 24,000, 41,570 or 120,000 volts at the option of the Company. For definition of customer voltage level, see Schedule Designation B-4.7.

CONDITIONS OF INTERRUPTION: The Company will notify the customer as to the amount of total load on this rider to be curtailed. This notification will be stated as a percentage of total load being supplied on this rider for the hour immediately preceding notification of interruption and will be the same percentage for all customers. Although actual load at time of interruption may vary from contract capacity, the total measured load on this rider shall be subject to curtailment by the Company.

The customer shall be provided, whenever possible, notice in advance (generally 1 hour) of probable interruption and the estimated duration of the interruption. The Company reserves the right to provide less than 1 hour's notice but not less than 10 minutes, if in the Company's sole determination such interruption is either desirable or necessary. Interruptions will be those necessary to maintain system integrity. Interruptions will be in accordance with procedures set forth in the Emergency Electrical Procedures Rule B-3.7.

If the customer fails to curtail load as requested, the Company reserves the right to interrupt the customer's total separately metered load on this rider, or total plant if not separately metered, and the customer will be billed at the rate of \$50 per kW per instance applied to contract capacity.

In addition, the interruptible contract capacity of a customer who does not interrupt shall be immediately reduced by the amount by which the customer failed to interrupt, unless the customer demonstrates that failure to interrupt was beyond its control.

CONTRACT CAPACITY: Customers shall contract for a specified capacity in kilowatts sufficient to meet the customers' maximum interruptible requirements, but not less than the minimum contract capacity amounts specified above. Demand/Energy in excess of the contracted load level will be billed under the applicable Primary Supply Rate. The contract capacity shall not be decreased during the term of the contract and subsequent renewal periods as long as service is required unless there is a specific reduction in connected load. Capacity disconnected from service under this rider shall not be subsequently served under any other tariff during the term of this contract and subsequent renewal periods.

(Continued on Sheet No. R10a)

ISSUED DECEMBER 14, 2004
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission

January 4, 2005

Filed JKB

EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER NOVEMBER 24, 2004
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED NOVEMBER 23, 2004
IN CASE NO. U-13808

(Continued From [Sheet No. R10](#))

Standard Contract Rider No. 10 (Continued)

Interruptible Supply Rider

RATE PER MONTH:

Full Service Customers:

Power Supply Charges:

Energy Charges:

Generation capacity charge of 1.583¢ per kWh for all kWh plus,

An hourly power supply cost charge applied to all kWh plus,

A monthly capacity charge in \$ per customer plus,

A voltage level service adder. The total hourly power supply cost charges for the billing month will be multiplied by the following amounts:

- 8% for service at primary voltage
- 3% for service at subtransmission voltage
- 1% for service at transmission voltage

Hourly Power Supply Cost Charge: The hourly power supply cost charge shall be based on the average cost of the resources required to serve the hourly loads under this rider. Customers will be provided with an hourly estimate of the power supply cost, but at the conclusion of each billing cycle the Company will determine the hourly allocation of resources actually serving the hourly loads under this rider, and will determine the hourly power supply cost charge as follows:

For R10 energy supplied by Company generation, the hourly power supply cost (\$/MWh) shall be based on the monthly cost of fuel by fuel type for the generating unit(s) identified as serving this load. The monthly cost of fuel shall include only those fuel costs incurred for electric generation and will be determined as follows:

1. Each generating plant's monthly booked fuel cost (\$) by fuel type shall be divided by each plant's consumption (MMBTU) by fuel type.
2. This amount (\$/MMBTU) by fuel type will be multiplied by each unit's consumption (MMBTU) by fuel type to obtain the fuel cost (\$) by fuel type for each generating unit.
3. The fuel cost (\$) by fuel type shall be summed for the unit and divided by the unit's total MMBTU consumption.
4. This amount (\$/MMBTU) will be multiplied by the unit's total consumption (MMBTU) for electric generation resulting in the unit's monthly cost of fuel (\$) for electric generation.
5. The unit's monthly cost of fuel (\$) for electric generation will be divided by the unit's net generation (MWh) to determine the hourly power supply cost (\$/MWh) for the month.

For R10 energy supplied by purchased power, the hourly power supply cost charge will be calculated by dividing the total cost for the resource (excluding any costs allocated to the R10 customer via the monthly capacity charge) by the total energy for the resource.

(Continued on [Sheet No. R10b](#))

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service Commission
January 31, 2006
Filed _____ 

EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

(Continued From Sheet No. R10a)

Standard Contract Rider No. 10 (Continued)

Interruptible Supply Rider

Monthly Capacity Charge: The monthly capacity charge for fixed purchased power costs associated with power purchased for capacity deficiency reasons will be determined as follows:

When power is purchased to meet a capacity deficiency and that purchase is identified as serving R10 load, the fixed purchase costs associated with the power transaction shall be borne by R10 customers. The amount of the fixed purchased costs, including any minimum purchase costs, charged to each R10 customer shall be determined by multiplying the fixed purchase costs, expressed in \$/MW, by the greater of either the scheduled R10 load (MW) or the actual load (MW) for each customer for the period during which the power was purchased to serve R10 load.

Delivery Charges:

Service Charge: \$275 per month

Distribution Charges:

For primary service (less than 24kV) \$3.45 per kW of maximum demand

For service at subtransmission voltage (24 to 41.6 kV) \$2.29 per kW of maximum demand

For service at transmission voltage (120 kV and above) \$1.47 per kW of maximum demand.

Substation Credit: Available to customers where service at subtransmission voltage level or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of \$.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of .040¢ per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges and Credits: As approved by the Commission. See schedule designations B-4.8 and B-4.9.

Retail Access Service Customers:

Delivery Charges:

Service Charge: \$275 per month

Distribution Charges:

For primary service (less than 24kV) \$3.20 per kW of maximum demand

For service at subtransmission voltage (24 to 41.6 kV) \$1.20 per kW of maximum demand

For service at transmission voltage (120 kV and above) \$0.80 per kW of maximum demand.

Substation Credit: Available to customers where service at subtransmission voltage level or higher is required, who provide the on-site substation including all necessary transforming, controlling and protective equipment. A credit of \$.30 per kW of maximum demand shall be applied to the maximum demand charge. A credit of .040¢ per kWh shall be applied to the energy charge where the service is metered on the primary side of the transformer.

Surcharges and Credits: As approved by the Commission. See schedule designation B-4.9.

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

MINIMUM CHARGE: The Service Charge plus the Maximum Demand Charge, plus all applicable energy charges.

MAXIMUM DEMAND: The maximum demand shall be the highest 30-minute demand created during the previous 12 billing months, including the current month but not less than 50% of the contract capacity. This clause is applicable to each voltage level served.

(Continued on Sheet No. R10c)

ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN



EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

(Continued From Sheet No. R10b)

Standard Contract Rider No. 10 (Continued)

Interruptible Supply Rider

POWER FACTOR CLAUSE: Shall be the Power Factor Clause as defined in the Primary Supply Rate (D6).

SPECIAL TERMS AND CONDITIONS: Customer-owned equipment must be operated so the voltage fluctuations on the primary distribution system of the Company shall not exceed permissible limits.

The customer will own and maintain the necessary equipment to separate the interruptible load from the firm power load. This equipment must meet the Company standards. The customer must also provide space for the separate metering of the interruptible load.

The interruptible load shall not be served from firm power circuits at any time. Violations of this provision will result in a charge of \$50 per kilowatt per month applied to the interruptible load determined to have been served from firm power circuits.

In order to implement Company initiated interruptions, the Company shall install and maintain, at the customer's expense, any equipment necessary to permit the Company to control interruptions of the customer's load and any facilities necessary to transmit and receive information regarding hourly energy costs and real-time monitoring of the customer's load. The Company will conduct at least once a year a physical test of this equipment to verify that it is functioning properly. The customer is also required to provide the Company with an hourly schedule of expected customer loads. These hourly schedules will be delivered to the Company weekly and no later than Thursday for estimates for the following week.

Electric energy from any source, other than the Company's, will be used to first reduce sales on this rider. Standby service will not be billed at this rider, but must be taken under Riders No.3, No.5, or No.6.

CONTRACT TERM: The contract term is 8 years, extending thereafter from month-to-month until terminated by 5 years written notice by either party, which may be given at any time after the third year of the contract. Once notice of termination is given by the customer, such notice cannot be withdrawn without full permission of the Company. For the first year of service under this rider, the customer shall have the right to terminate the contract and return to service under the Company's rates for firm service by paying an amount equal to the D6 on-peak billing demand charge times the contract capacity for the number of months served under this rider.

Michigan Public Service
Commission

January 31, 2006

Filed _____



ISSUED JANUARY 23, 2006
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR BILLS RENDERED ON
AND AFTER FEBRUARY 1, 2006
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED DECEMBER 22, 2005
IN CASE NO. U-14399

(Continued From Sheet No. R10c)

Standard Contract Rider No. 10 (Continued)

Interruptible Supply Rider

THIS SHEET DELETED DUE TO DELETION OF TEXT FROM PREVIOUS SHEETS

ISSUED DECEMBER 14, 2004
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission

January 4, 2005

Filed JKB

EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER NOVEMBER 24, 2004
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED NOVEMBER 23, 2004
IN CASE NO. U-13808

Standard Contract Rider No. 11

Photovoltaic Service

THIS SHEET DELETED PER MAIN RATE CASE

ISSUED DECEMBER 14, 2004
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS
DETROIT, MICHIGAN

Michigan Public Service
Commission

January 4, 2005

Filed JKB

EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER NOVEMBER 24, 2004
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED NOVEMBER 23, 2004
IN CASE NO. U-13808

(Continued From Sheet No. R11)

Standard Contract Rider No. 11 (Continued)

Photovoltaic Service

THIS SHEET DELETED PER MAIN RATE CASE

ISSUED DECEMBER 14, 2004
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS
DETROIT, MICHIGAN

Michigan Public Service Commission
January 4, 2005
Filed <u>JKB</u>

EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER NOVEMBER 24, 2004
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED NOVEMBER 23, 2004
IN CASE NO. U-13808

Standard Contract Rider No. 12

Capacity Release

AVAILABILITY OF SERVICE: Available to customers desiring a voluntary capacity release payment for loads not less than **250 kW** at a single location. The customer must reduce load by at least 50% of the normal load of the facility. At the option of the Company, the **250 kW** and 50% minimum loads may be waived when the load is separately metered.

TERMS OF SERVICE: Customers will be requested to curtail load **upon** notice from the Company. The customer shall be provided, whenever possible, notice in advance of such probable request and estimated duration of **load** reduction. Load reduction requests are at the discretion of the Company.

PAYMENT TERMS: The Company and the customer will mutually agree on the prices, terms, and conditions for load reductions. Such payment terms will reflect the type of service including, but not limited to energy only, capacity, seasonal, hourly, daily, monthly, etc.

The amount of load reduction will be verified by metered quantities whenever possible. Where the amount of load reduction is not directly metered, the Company and the customer will mutually agree on calculation methods. The customer shall agree to provide information in order to make such calculations.

No payment will be made for load reduction required by Emergency Electrical Procedures as defined under Rule B-3.7.

SPECIAL TERMS AND CONDITIONS: Special metering is at the option and expense of the customer. The customer is required to provide the Company with notification methods to be used and provide the Company with current customer personnel responsible for such notification of load reduction requests.

Michigan Public Service
Commission

January 23, 2006

Filed _____



ISSUED JULY 7, 2005
BY: M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS
2000 SECOND AVENUE
DETROIT, MICHIGAN

EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER JUNE 7, 2005
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED JUNE 7, 2005
IN CASE NO. U-14491

Standard Contract Rider No. 13

Dispersed Generation

AVAILABILITY OF SERVICE: Available to customers which have on-site generators desiring a voluntary dispersed generation payment for operating their generation at the request of the Company. The customer must have on-site generation of at least 250 kW capacity at a single location.

TERMS OF SERVICE: Customers will be requested to operate generation upon notice from the Company. The customer shall be provided, whenever possible, notice in advance of such probable requests and estimated duration of the request. Such requests are at the discretion of the Company.

PAYMENT TERMS: The Company and the customer will mutually agree on the prices, terms, and conditions for dispersed generation power. Such payment terms will reflect the type of service including, but not limited to energy only, capacity, seasonal, hourly, daily, monthly, etc.

The amount of generator output will be verified by metered quantities whenever possible. Where the amount of generator output is not directly metered, the Company and the customer will mutually agree on calculation methods. The customer shall agree to provide information in order to make such calculations.

No payment will be made for load reduction required by Emergency Electrical Procedures as defined under Rule B-3.7.

SPECIAL TERMS AND CONDITIONS: Special metering is at the option and expense of the customer. The customer is required to provide the Company with notification methods to be used and provide the Company with current customer personnel responsible for such notification of load transfer requests. Customers desiring to operate generators in parallel with the Company's system must comply with the requirements of the Company's Interconnection Guidelines.

Michigan Public Service
Commission

January 23, 2006

Filed 

ISSUED JULY 7, 2005
BY: M. E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS
2000 SECOND AVENUE
DETROIT, MICHIGAN

EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER JUNE 7, 2005
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED JUNE 7, 2005
IN CASE NO. U-14492

**STANDARD CONTRACT RIDER DG
DISTRIBUTED GENERATION**

APPLICABLE TO:

Residential Service Rate	Schedule Designation D1
General Service Rate	Schedule Designation D3
Large General Service Rate	Schedule Designation D4

AVAILABILITY OF SERVICE: Available to customers with on-site distributed generation desiring to operate in parallel with the Company's system and take service for their supplemental needs under one of the applicable tariffs listed above. The on-site generation capacity shall be no greater than 100 kW at a single location. Distributed generation resources include reciprocating engine generator sets, small turbine-generators, fuel cells, regenerative dynamometers and renewable resources.

PARALLEL OPERATION: The customer must meet the interconnection requirements of the Company specified in "Protective Relaying, Operating and Telemetry Guidelines for Independently Owned Generation" ("Guidelines") published by the Company, as approved by the Michigan Public Service Commission, and have written permission from the Company before parallel operation will be permitted. For single-phase equipment less than 25 kVA, the requirements are simplified and can usually be satisfied by performing an automatic shutdown test as described in Section 5.1 of the Guidelines.

The customer is advised to consult its insurers and insurance policies regarding the existence of coverage for on-site distributed generation resources. Homeowners' policies and insurers may afford varying degrees of coverage for this exposure, or may exclude it altogether. This statement is not to be viewed as the rendering of advice regarding the customer's insurance coverage.

RATES: The customer shall pay all direct costs of controlling and protective equipment necessitated by the presence of a source of power on his premises and costs to comply with the Guidelines.

Sell-Back Energy Rate:

For customers with a standard energy meter, the Company's monthly average top incremental cost of power will be applied to all kilowatt-hours delivered to the Company's system.

For customers with a time-of-day meter, the Company's average monthly top incremental cost of power for each time-of-day period will be applied to all kilowatt-hours delivered to the Company's system during that time-of-day period.

For customers with an interval meter, the Company's top incremental cost for each hour will be applied to all kilowatt-hours delivered to the Company's system during that hour.

METERING REQUIREMENTS: The Company will install separate metering for energy sold by the Company to the customer and for energy sold-back to the Company by the customer. The Company will, at the customer's request, upgrade the sell-back meter to either a time-of-day or interval meter, but the incremental cost of such upgrade is the responsibility of the customer.

CONTRACT TERM: Open order, terminable on three day's written notice by either party. Where special services are required, the term will be as specified in the applicable contract rider.

M/158c

Issued: March 7, 2001
By: L.G. Garberding
Executive Vice President
and Chief Financial Officer
2000 Second Avenue
Detroit, Michigan 48226



Effective for service rendered on and after February 14, 2001 under authority of order of the Michigan Public Service Commission dated February 14, 2001 in Case No. U-12827.

(To create new Contract Rider 14 as per Order in Case No. U-12820)

**STANDARD CONTRACT RIDER 14
Experimental Residential Load Management**

APPLICABLE TO:	Residential Service Rate	Schedule Designation D1
	Residential Time of Day Service Rate	Schedule Designation D1.2
	Senior Citizen Residential Service Rate	Schedule Designation D1.3
	Residential Space Heating Rate	Schedule Designation D2

AVAILABILITY OF SERVICE: The Company may offer this rider to residential customers with central air conditioning and/or central heat pumps not served on rate D1.1. The Company will install a remote control unit at all of the customer's outdoor air conditioner and/or heat pump unit(s) which will interrupt that device upon signal from the Company. This rider will be available to no more than 5,000 customers in 2001, and no more than 15,000 customers thereafter.

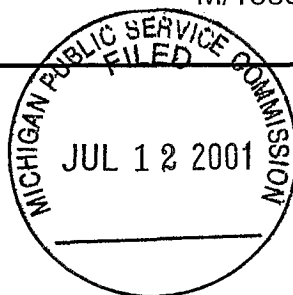
LOAD MANAGEMENT INTERRUPTION: Under this rider customers agree to allow the Company to interrupt the central air conditioning and/or heat pump unit(s) by remote control up to thirty minutes in any hour. These interruptions are limited to 10 days per season (May 1 through September 30). Interruptions may occur any day of the week, including weekends, between the hours of 7:00 a.m. and 8:00 p.m. Company interruptions may include interruptions for, but not limited to, maintaining system integrity, making an emergency purchase, economic reasons, or when available system generation is insufficient to meet anticipated system load. If a system emergency occurs causing the Company to invoke the steps of Emergency Electrical Procedures as defined in Rule B3.7, interruptions may be extended beyond the above stated 30 minutes per hour.

TERMS OF INTERRUPTION CREDIT: Customers will receive a credit of \$4.00 for every day in which a Company load management interruption occurs regardless of the number of hours interrupted that day. These credits will be accumulated for the season and applied to the customer's applicable October residential service bill.

CONTRACT TERM: This rider is terminable by either party upon the completion of one season (May 1 through September 30).

M/158d

Issued: June 15, 2001
By: L.G. Garberding
Executive Vice President
and Chief Financial Officer
2000 Second Avenue
Detroit, Michigan 48226



Effective for service rendered on and after May 15, 2001 under authority of order of the Michigan Public Service Commission dated May 15, 2001 in Case U-12820.

Standard Contract Rider No. 15

Renewable Resources Program

AVAILABILITY:

This Rider is available on a first come first served basis to metered Detroit Edison full service and retail access service customers who desire to pay a renewable resources premium to promote the development and operation of renewable power facilities in the state of Michigan. The availability of service under this Rider may be limited by the availability of Renewable Energy Certificates (RECs) from renewable power facilities in the state of Michigan, at the prices set forth in this Rider. A REC is a unique, independently certified and verifiable record of the production of 1 megawatt hour of renewable energy. In the event that the Company is unable to secure a sufficient quantity of RECs from renewable power facilities within the state of Michigan to provide service to all customers desiring service under this Rider, at the prices set forth in this Rider, the Company may, purchase RECs from out-of-state facilities that provide recognizable economic, environmental, or other benefits to customers and priced at or below the prices set forth in this Rider. The company shall limit the quantity of RECs purchased from renewable facilities outside of Michigan to the additional quantity, above that available from Michigan renewable power facilities at the prices set forth in this Rider, required to serve the customers desiring service under this Rider. In the event that the Company is unable to supply the demand for RECs required to provide service to all customers desiring service under this Rider from Michigan renewable resource facilities and from out-of-state facilities that provide recognizable economic, environmental, or other benefits to customers, at the prices set forth in this Rider, this Rider may be closed to additional customers.

CHARACTER OF SERVICE:

The character of service is as specified under the applicable Base Rate. The term Base Rate refers to the Rate Schedule under which the Customer takes service and with which this Rider is associated.

RATES:

The following charges will apply and will be in addition to the normal charges applied under the applicable Rider(s) and Base Rate Schedule(s) in effect at the customer's metered location.

A. Residential customers:

Option 1:

The Renewable Resources Premium is 2¢ per kWh applied to 100 percent of the monthly electric energy delivered by Detroit Edison under the rate to which this rider is attached.


Option 2:

Customers can elect to contract for 100 kWh per month fixed increments for any amount of their electric requirements delivered by Detroit Edison under the rate to which this rider is attached. The Renewable Resources Premium is \$2.50 per 100 kWh block per month. In the event that the energy represented in the blocks purchased exceeds the customer's actual kWh delivered by Detroit Edison for the billing period, no reconciliation shall be made on the customer's billing.

Michigan Public Service
Commission

Continued on ([Sheet R15a](#))

April 25, 2007

Filed 

ISSUED APRIL 24, 2007
BY: DANIEL G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

ISSUED APRIL 3, 2007
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 3, 2007
IN CASE NO. U-14569

Continued From ([Sheet R15](#))

Standard Contract Rider No. 15 (Continued)

Renewable Resources Program

B. Non-Residential Customers:

Option 1:

The Renewable Resources Premium is 2¢ per kWh applied to 100 percent of the monthly electric energy delivered by Detroit Edison under the rate to which this rider is attached.

Option 2:

Customers can elect to contract for 1,000 kWh per month fixed increments for any amount of their electric requirements delivered by Detroit Edison under the rate to which this rider is attached. The Renewable Resources Premium is \$20.00 per 1,000 kWh block per month. In the event that the energy represented in the blocks purchased exceeds the customer's actual kWh delivered by Detroit Edison for the billing period, no reconciliation shall be made on the customer's billing.

CONTRACT TERM:

The minimum term available to residential customers is one complete billing period extending thereafter from month to month. For non-residential customers the minimum term is twelve continuous complete billing periods extending thereafter from month to month. Customers shall provide at least three business days notice of their desire to begin or terminate service.

Michigan Public Service
Commission

April 25, 2007

Filed 

ISSUED APRIL 24, 2007
BY: DANIEL G. BRUDZYNSKI
VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

ISSUED APRIL 3, 2007
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED APRIL 3, 2007
IN CASE NO. U-14569

Standard Contract Rider No. 16

Net Metering for Renewable Resource and Innovative Technology On-Site Power Producing Facilities

AVAILABILITY:

This Rider is available on a first come first served basis to full service electric customers operating on-site generation which satisfies the Renewable Resource or Innovative Technology eligibility requirements set forth below. This rider attaches to any full service metered tariff excluding Riders. The total capacity contracted under this Rider shall be limited to 0.001 (0.1%) of the Company's system peak for the previous year as defined on page 401b of MPSC Form P-521.

ELIGIBLE ELECTRIC GENERATING UNITS:

A. Eligible Technologies:

1. Renewable Resource:

Technologies indicated in the definition of renewable energy source as provided in 2000 PA 141, section 10g(1)(f) (MCL 460.10g(1)(f)): specifically, energy generated by solar, wind, geothermal, biomass, including waste-to-energy and landfill gas, or hydroelectric are eligible technologies. Biomass systems are allowed to blend up to 25% fossil-fuel as needed to ensure safe, environmentally sound operation of the system.

2. Innovative Technology:

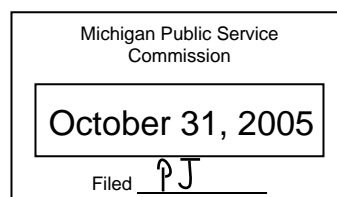
Fuel Cells and Stirling Engines that have the potential of becoming Hydrogen enabling technologies are eligible to participate in the net metering program regardless of their current fuel type.

B. Generating Unit(s) Size Limitations:

1. The maximum size of an individual unit or combination of units at a single site must be less than 30kW and;
2. Systems will be limited in size, not to exceed the Customer's self-service needs.
 - a. For wind and photovoltaic systems a Customer may size the system to meet the site annual energy needs (in kWh).
 - b. For all other systems a Customer may size the system to meet the site maximum capacity need (in kW).

CHARACTER OF SERVICE:

As specified under the applicable Base Rate. The term Base Rate refers to the Rate Schedule under which the Customer takes service and that this Rider is associated with.



(Continued on [Sheet No. 16a](#))

ISSUED OCTOBER 25, 2005
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER OCTOBER 18, 2005
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED OCTOBER 18, 2005
IN CASE NO. U-14346

New tariff sheet to create rider for Net Metering for Renewable Resource and Innovative Technology for On Site Power Producing Facilities as per Order No. U-14346 dated October 18, 2005.)

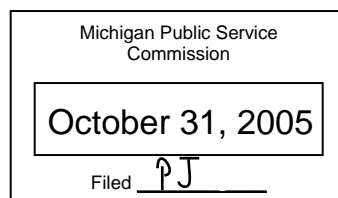
(Continued From [Sheet No. 16](#))

GENERATOR INTERCONNECTION REQUIREMENTS:

- A. The requirements for interconnecting Customer on-site electric generating equipment with the Company are contained in the Michigan Public Service Commission's Electric Interconnection Standards Rules (R 460.481-460.489), The Michigan Electric Utility Generation Interconnection Requirements and the Company's Generator Interconnection Supplement to Michigan Electric Utility Generation Interconnection Requirements.
- B. All interconnection requirements must be met and the Customer must fulfill all requirements in and sign an Interconnection & Operating Agreement with the Company prior to commencing operation of on-site generation.
- C. Any service modifications resulting from installation of wind or photovoltaic units sized greater than site demand shall be made at the Customer's expense.
- D. The Company must approve in writing any subsequent changes in the interconnection configuration before such changes are allowed. Operating in parallel with the Company's system without written approval by the Company of the interconnection and any subsequent changes to the interconnection will make the Customer subject to disconnection.

METERING:

Metering at the interface between the Customer and the Company will be specified by the Company and will be capable of recording all parameters metered on the Base Rate for deliveries to the Customer and for deliveries from the Customer to the Company. In addition to the inflow and outflow metering the Customer shall make provisions for and the Company will install metering on the generator output capable of recording any parameters metered on the Base Rate. Any and all costs associated with metering that are incurred to participate in the Net Metering Program are the responsibility of the customer. The customer has the option to either (1) pay for costs associated with metering in full prior to taking service under the Net Metering Program or (2) divide the total costs associated with metering into 12 equal monthly payments to be added to the customer's electric bill.



(Continued on [Sheet No. 16b](#))

ISSUED OCTOBER 25, 2005
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER OCTOBER 18, 2005
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED OCTOBER 18, 2005
IN CASE NO. U-14346

New tariff sheet to create rider for Net Metering for Renewable Resource and Innovative Technology for On Site Power Producing Facilities as per Order No. U-14346 dated October 18, 2005.)

(Continued from Sheet No. 16a)

NET METERING BILLING PROVISIONS:

- A. Customer electric requirements will be determined as the sum of the Company supply (inflow meter) and generation supply (generation meter) minus any outflow to the Company (outflow meter), i.e. [inflow + generation - outflow]. In general, the Customer will be billed for their electric requirements at the Base Rate with all applicable surcharges and receive a power supply credit, a surcharge credit, and a program credit, if applicable, for that portion of their electric requirements that were served by their eligible generation.

Power Supply Credit:

Prior to approval of unbundled rates, the power supply credit will be calculated based on the bundled rate plus the power supply cost recovery (PSCR) surcharge less delivery charges, which will be based on the retail access service tariff. Upon Commission approval of un-bundled rates, the power supply credit will be the power supply charges plus the (PSCR) surcharge.

Surcharge Credit:

The surcharge credit will be based on all applicable energy based surcharges excluding PSCR.

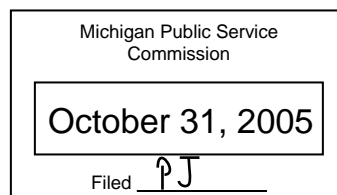
Program Credit:

A program credit will be provided to net metering customers taking service on an energy only Base Rate. The program credit will be equivalent to the delivery charges applied to the customer generation produced and utilized on site in the current billing period.

- B. In the event the Customer generates more than their electric requirements in any month, the Net Excess Generation (NEG) will be carried over from month to month, limited to a 12-billing-month cycle. The customer will elect the ending billing month to be used to establish the 12-billing-month cycle. At the end of each 12-billing-month cycle, the customer's NEG balance, if any, will be reset to zero. Any unused NEG existing at that time will be retained by the Company. The value of the unused NEG retained by the Company will be used to offset costs associated with the Company's operation of the net metering program.

ADDITIONAL CHARGES AND CREDITS:

The Customer is responsible for the filing fee of \$100 specified in The Michigan Electric Utility Generation Interconnection Requirements.



(Continued on Sheet No. 16c)

ISSUED OCTOBER 25, 2005
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER OCTOBER 18, 2005
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED OCTOBER 18, 2005
IN CASE NO. U-14346

(Continued From [Sheet No. 16b](#))

CONTRACT TERM:

This rider shall be open for Customer enrollments for a period of 5 years, and Customers who enroll shall be eligible to participate for a single continuous period of 10 years. A Customer may discontinue taking service under this rider at any time. Any unused NEG existing at that time will be retained by the Company. The value of the unused NEG retained by the Company will be used to offset costs associated with the Company's operation of the net metering program. The Company may terminate a Customer's service under this rider if the Customer fails to satisfy the eligibility requirements. This Rider will terminate at the earlier of 15 years after approval or upon the end of contract term for the last Customer signing up for service under the rider.

SPECIAL PROVISIONS AND CONDITIONS:

- A. Generation Units covered by this Rider are exempt from all charges associated with the Company's Standard Contract Rider 3 Parallel Operation and Standby Service. Generation Units covered by this Rider are exempt from the Auxiliary Power Provisions contained in Residential Service Rate (D1) and Residential Space Heating Rate (D2).
- B. By applying for service under this rider the Customer agrees to provide to the Company and allow the Company to Provide to the Commission Staff the information about their on site power producing facilities required for the Company to comply with its reporting requirements and verify continued eligibility for service under this rider. The Company will not release the name, address or other identifying information without prior written permission of the customer.
- C. The Company will allow the generator metering to be used by the customer for the purpose of accounting for renewable energy credits (REC's) the customer may wish to sell.
- D. The differential between the retail generation credit given for NEG and the Company's avoided energy cost will be included in program costs.
- E. The program credit provided under this rider will be included in program costs.
- F. Net Metering Program operating costs will be included in program costs.
- G. The value of NEG balances retained by the Company pursuant to Paragraph B under NET BILLING PROVISIONS will provide a credit to Program costs. The credit shall be an amount equal to the Power Supply Cost Recovery Base plus the PSCR factor at the time the NEG balance is reset to zero times the NEG balance.
- H. The Company shall be authorized to recover all costs associated with the Net Metering Program as those costs are defined and explained in the "MREP Consensus Agreement on Statewide Net Metering Program" approved by the Commission in its March 29, 2005 Order in Case No. U-14346. At a minimum, analyses of program costs for the Net Metering program will occur at the end of the second Net Metering Program year and every two years thereafter. Since all customers may ultimately benefit from the availability of the Net Metering Program, some or all Net Metering Program costs may be recovered from all of its retail electric customers. The Company may, at its sole discretion, file a request to apply a charge or charges to all of its retail electric customers, all Net Metering Program participants, or both, to collect underrecovered Net Metering Program costs.

ISSUED OCTOBER 25, 2005
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission

October 31, 2005

Filed PJ

EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER OCTOBER 18, 2005
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED OCTOBER 18, 2005
IN CASE NO. U-14346

THE DETROIT EDISON COMPANY

M.P.S.C. No. 9

(To cancel tariff sheet permanently due to termination of program.)

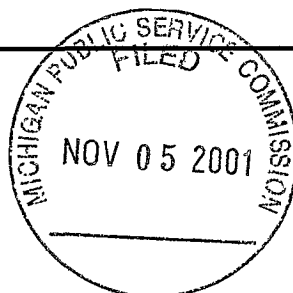
Fifth Revised Sheet No. ILP-1
Cancels Fourth Revised Sheet No. ILP-1

INTELLIGENT LINK PROJECT
WHOLE-FACILITY LOAD MANAGEMENT RATE

THIS RATE IS CANCELLED AS OF OCTOBER 26, 2001

M/159

Issued: October 26, 2001
By: L.G. Garberding
Executive Vice President
2000 Second Avenue
Detroit, Michigan 48226



Effective for bills rendered on
and after October 26, 2001 under
authority of order of the Michigan
Public Service Commission in Case
No. U-11010 dated January 28, 1997.

**EXPERIMENTAL RETAIL ACCESS SERVICE TARIFF
FOR CUSTOMER-PROCURED POWER**

EXPERIMENTAL RETAIL ACCESS TARIFF
TERMINATED ON JUNE 30, 2004

ISSUED DECEMBER 14, 2004
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission

January 4, 2005

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EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER NOVEMBER 24, 2004
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED NOVEMBER 23, 2004
IN CASE NO. U-13808

EXPERIMENTAL RETAIL ACCESS TARIFF
TERMINATED ON JUNE 30, 2004

ISSUED DECEMBER 14, 2004
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS
DETROIT, MICHIGAN

Michigan Public Service
Commission

January 4, 2005

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DATED NOVEMBER 23, 2004
IN CASE NO. U-13808

EXPERIMENTAL RETAIL ACCESS TARIFF
TERMINATED ON JUNE 30, 2004

ISSUED DECEMBER 14, 2004
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS
DETROIT, MICHIGAN

Michigan Public Service
Commission

January 4, 2005

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IN CASE NO. U-13808

EXPERIMENTAL RETAIL ACCESS TARIFF
TERMINATED ON JUNE 30, 2004

ISSUED DECEMBER 14, 2004
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission

January 4, 2005

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MICHIGAN PUBLIC SERVICE COMMISSION
DATED NOVEMBER 23, 2004
IN CASE NO. U-13808

M.P.S.C. No. 9 - Electric
The Detroit Edison Company
Changes made to reflect Order No. U-13808

Fourth Revised Sheet No. EC1d
Cancels Third Revised Sheet No. EC1d

EXPERIMENTAL RETAIL ACCESS TARIFF
TERMINATED ON JUNE 30, 2004

ISSUED DECEMBER 14, 2004
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS
DETROIT, MICHIGAN

Michigan Public Service
Commission
January 4, 2005
Filed JKB

EFFECTIVE FOR SERVICE RENDERED ON
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UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED NOVEMBER 23, 2004
IN CASE NO. U-13808

M.P.S.C. No. 9 - Electric
The Detroit Edison Company
Changes made to reflect Order No. U-13808

Eighth Revised Sheet No. EC1e
Cancels Seventh Revised Sheet No. EC1e

EXPERIMENTAL RETAIL ACCESS TARIFF
TERMINATED ON JUNE 30, 2004

ISSUED DECEMBER 14, 2004
M.E. CHAMPLEY
SENIOR VICE PRESIDENT
REGULATORY AFFAIRS

DETROIT, MICHIGAN

Michigan Public Service
Commission

January 4, 2005

Filed JKB

EFFECTIVE FOR SERVICE RENDERED ON
AND AFTER NOVEMBER 24, 2004
UNDER AUTHORITY OF ORDER OF THE
MICHIGAN PUBLIC SERVICE COMMISSION
DATED NOVEMBER 23, 2004
IN CASE NO. U-13808

EXPERIMENTAL RETAIL ACCESS TARIFF
TERMINATED ON JUNE 30, 2004

ISSUED DECEMBER 14, 2004
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RETAIL ACCESS SERVICE RIDER

1. INTRODUCTION

This Rider is designed to express the terms and conditions associated with retail access service in the Detroit Edison Electric Choice Program, as well as provide information regarding the roles of the various market participants. This Rider includes the following sections:

Introduction and Definitions	Sec. 1
Customers	Sec. 2 - 10
Alternative Electric Suppliers	Sec. 11 - 18
Marketers	Sec. 19 - 21

- In the Detroit Edison Electric Choice Program, Detroit Edison will maintain a relationship and interact with at least three separate participants: The Customer, the Alternative Electric Supplier and the Marketer. One entity may be responsible for both the Alternative Electric Supplier and Marketer roles. Detroit Edison has separately defined the retail and wholesale functions behind electric supply in a competitive environment.

1.1 Availability

Available for metered service in conjunction with Rate Schedule Nos. D1 through E5, inclusive, when the customer wishes to take power supply service from an Alternative Electric Supplier. This Rider is not available for unmetered service.

1.2 The Customer Role

The Customer is the end-user of Power at one or more locations in the State of Michigan who has facilities connected to the Detroit Edison distribution system. Under retail access service, the Customer will conduct transactions with at least two entities - Detroit Edison and an Alternative Electric Supplier. The Customer is responsible for choosing an Alternative Electric Supplier.

Detroit Edison's principal requirement is that the Customer must already be connected to the Detroit Edison Distribution System as a Full Service Customer or meet the requirements for new Customers connecting to the Detroit Edison Distribution System. All Primary Customers and Secondary Customers with Customer Service Capacities greater than 300 kW must execute Customer Distribution Agreements with Detroit Edison.

1.3 The Alternative Electric Supplier Role

An Alternative Electric Supplier is an entity that has obtained all the necessary legal approvals to sell retail electricity in Michigan.

The Alternative Electric Supplier buys products and services needed to provide power to Customers, combines these products and services in different marketing packages, and sells the packages to Customers. Alternative Electric Suppliers must meet all applicable statutory and regulatory requirements of Michigan and Federal law.

(Continued on Sheet No. EC2a)

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(Continued From Sheet No. EC2)

1. INTRODUCTION (Continued)

1.4 The Marketer Role

The Marketer is an entity that acts as a wholesale supplier; takes title to power and has FERC authorization to market energy services. FERC authorization allows the Marketer to use transmission systems to move power from the generator(s) to the distribution system. The Marketer is either a FERC-authorized power Marketer or a utility. As defined by FERC, in the context of this Rider, the Marketer is responsible for all Transmission-related responsibilities related to serving the retail access customers served by its supply. These include: scheduling energy, obtaining ancillary services, and paying energy imbalance charges. The Alternative Electric Supplier and Marketer functions may be handled by one entity or may be performed by different parties. Either way, both the Alternative Electric Supplier role and the Marketer role must be performed to complete delivery to a Customer.

1.5. Definitions

"Aggregator" means an entity that combines the energy consumption of multiple Customers for the purpose of meeting minimum load criteria necessary for retail access service.

"Alternative Electric Supplier" (AES) means an entity that has obtained all the necessary approvals to sell retail electricity in Michigan, and is licensed by the Michigan Public Service Commission. An AES does not physically deliver electricity directly to retail Customers in the state.

"Commission" means the Michigan Public Service Commission.

"Customer" means, for purposes of retail access service, an entity with electrical load facilities connected to the Detroit Edison Distribution System that purchases or receives Power from an Alternative Electric Supplier and which Power is delivered to its Location(s) pursuant to this Rider. All Customers, regardless of the voltage level of the service, are considered to be connected to the Detroit Edison Distribution System.

"Customer Service Capacity" means the load carrying capability of the Detroit Edison metering installation at the Customer's site, based on the thermal limits of the meter and any associated transformers.

"Demand" means the amount of power required to meet the Customer's load, generally expressed in kilowatts or megawatts, at a given instant or averaged over a designated interval of time.


"Demand Conversion Table" means a table that converts average kWh consumption to demand in kW, for a specific type or group of Customers. These tables will be used to determine the amount of limited phase-in capacity allocated to Customers without prior demand history as defined in Section 33.3.

"Detroit Edison's Distribution System" means facilities operated by Detroit Edison for the purpose of distributing electric power within Detroit Edison's electric service territory, which are subject to the jurisdiction of the Commission.

"Distribution Contract Capacity" means the load carrying capacity in kilowatts of the Detroit Edison Distribution System necessary to meet a Customer's maximum load requirements at a particular Location served under this Rider.

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(Continued on Sheet No. EC2b)

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(Continued From Sheet No. EC2a)

1. INTRODUCTION (Continued)

"Distribution Point of Delivery" means the point of interconnection between the Detroit Edison Distribution System and the Customer's service location.

"Distribution Point of Receipt" means the point of interconnection between the ITC Transmission and Detroit Edison Distribution Systems.

"Effective Date" is the date at which responsibility for servicing a Customer Load transfers from the current supplier to the new supplier. The transfer occurs at the beginning (00:01 hours) of the Effective Date.

"Energy" in the context of this document the word energy refers to "electrical energy" and is measured in kilowatt-hours.

"Energy Meter" means a meter capable of measuring and recording energy on a kWh basis.

"Full Service" means the provision of regulated electric service including energy, transmission and distribution services; each provided by Detroit Edison.

"International Transmission Company (ITC) Transmission System" means facilities operated by ITC for the purpose of transmitting electric power within the Detroit Edison electric service territory which are subject to the jurisdiction of the Federal Energy Regulatory Commission.

"Interval Demand Meter" means a meter capable of measuring and recording kW demands and kVAR demands on a 30-minute integrated basis, as needed to bill the Customer and measuring energy on a kWh basis.

"Joint Open Access Transmission Tariff (JOATT)" means the ITC and Consumers Energy Open Access Transmission Tariff on file with the Federal Energy Regulatory Commission, as amended from time to time. The Tariff applies to transactions where energy flows through both the ITC and Consumers Energy Transmission Systems.

"Load" means any end-use device drawing energy from the electric system.

"Location" means each Customer facility whether owned or leased.

"Marketer" means an entity that:

- (i) generates, brokers, markets or otherwise procures power to be supplied to ITC at the Transmission Point of Receipt, obtains transmission services and with whom a Customer's Alternative Electric Supplier has arranged for the receipt of Power,
- (ii) satisfies all applicable statutory and regulatory requirements of Michigan and Federal law, and
- (iii) satisfies all applicable reciprocity requirements set forth in this Rider.

"MDMA" or "Meter Data Management Agent" is the party responsible for reporting a Marketer's aggregated customer loads, with distribution losses, to MISO to support settlement in the MISO hourly energy market.

"MISO" means the Midwest Independent System Operator

(Continued on Sheet No. EC2c)

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(Continued From Sheet No. EC2b)

1. INTRODUCTION (Continued)

"Power" means a combination of the electric demand and energy requirements of the Customer.

"Reactive Demand" means the amount of reactive power required to meet the Customer's Load, generally expressed in kilovolt-amperes reactive (kVAR), at a given instant or averaged over a designated interval of time.

"Sink" means a unique four-character code assigned to a Marketer's Transmission Service Agreement by ITC which identifies a load.

"Transition Charge" is a surcharge for the recovery of costs associated with the implementation of retail access service and Detroit Edison's stranded costs arising from implementation of retail access service.

"Transmission Point of Delivery" means the point of interconnection between the ITC Transmission and Detroit Edison Distribution Systems.

"Transmission Point of Receipt" means the point on the ITC Transmission System where Power is received by ITC for delivery to the Transmission Point of Delivery.

CUSTOMER SECTION

2. TERMS AND CONDITIONS OF SERVICE

- 2.1 This Retail Access Service Rider sets forth the terms and conditions of service for the delivery of Power to a Customer, procured by an Alternative Electric Supplier and supplied by a Marketer. Such Power shall be initially received at a designated Transmission Point of Receipt and ultimately delivered to the Customer through the Detroit Edison Distribution System. ***This Rider also sets forth the rates and charges for services unique to customers taking Retail Access Service.***
- 2.2 Power received by ITC for delivery to the Customer shall be transmitted across the ITC Transmission System to the Detroit Edison Distribution System in accordance with the rates, terms and conditions of service of the ITC Open Access Transmission Tariff.
- 2.3 A Customer's eligibility to take retail access service is subject to the full satisfaction of any terms or conditions imposed by pre-existing contracts or tariffs with Detroit Edison. Rider No. 2 agreements between the Customer and Detroit Edison will remain in effect during service under this Rider. Rider No. 4 - "Resale of Service" is also available under this Rider.

(Continued on Sheet No. EC2d)

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(Continued From Sheet No. EC2c)

2. TERMS AND CONDITIONS OF SERVICE (Continued)

- 2.4 A Customer will specify only one Alternative Electric Supplier (and the Alternative Electric Supplier shall specify only one Marketer) at any given time for the supply of Power to each Customer account or Customer Location.
- 2.5 Detroit Edison shall be required to complete all retail access enrollment activities required to place a Customer in "site-ready" status within the following timeframes:
- a. Within 10 calendar days when no meter work is required for the Customer to take retail access service
 - b. Within 45 days when meter work is required

These deadlines do not require that Customers actually commence service within the specified timeframes; only that Detroit Edison has completed all activities required of it to place the Customer in "site-ready" status.

Customers shall be permitted to change Alternative Electric Suppliers. The changes will become effective at the completion of their normal billing cycle. Customers will be assessed a \$5 processing charge per account for each change. The change will be submitted to Detroit Edison electronically by the Customer's new Alternative Electric Supplier as a new enrollment.

2.6 Multiple Meters at Non-Residential Locations

- 2.6.1 Existing groupings of multiple meters into accounts at a location will be maintained in setting up new retail access accounts.
- 2.6.2 When multiple Interval Demand Meters are used within a single voltage level, Maximum Demand at that voltage level will be established by the highest coincident demand recorded for those meters.

2.7 Multiple Meters at Residential Locations

- 2.7.1 *Existing groupings of multiple meters into accounts at a location will be maintained in setting up new retail access accounts.*

(Continued on Sheet No. EC2e)

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(Continued From Sheet No. EC2d)

2. TERMS AND CONDITIONS OF SERVICE (Continued)

2.8 Metering

- 2.8.1 All load served under this Rider shall be metered. *The meter type shall be that which is appropriate to meter the customer's Power Supply requirements under the otherwise applicable rate schedule.*
- 2.8.2 *Non-Residential Secondary customers may elect to have interval metering installed, at their expense, in the place of standard demand/energy metering, and to have the interval metered data used for wholesale settlement in lieu of profiled data as provided for in Section 21.*
- a. *Detroit Edison shall install the requested interval meter within 45 days of receiving the customer's request*
 - b. *The customer must provide working telephony to the meter and Detroit Edison must be able to verify electronic communication with the meter prior to the customer taking service as an interval-metered customer.*
 - c. *The minimum term for this interval-metered service is one year.*
- 2.8.3 Metering equipment for Customers taking retail access service shall be furnished, installed, read, maintained and owned by Detroit Edison.

2.9 Meter Reading

- 2.9.1 All Customers with Interval Demand Meters shall have meter reading accomplished electronically through Customer-provided telecommunication links or other electronic data methods able to provide Detroit Edison the metering data necessary to bill the customer and conform to required metering accuracy. The Alternative Electric Supplier shall have direct access to meter data through the same means as Detroit Edison, once the Customer is enrolled, without any further documentation or permission from the Customer.

The Company shall commence *interval-metered* retail choice service upon installation of appropriate demand meters *and verification of successful electronic communication with Detroit Edison's data collection system. If a Customer is not able to allow sharing of the telephone line, the Customer shall obtain a separate telephone line for such purposes and pay all charges in connection therewith.*

Interval-metered customers with locations where the installation of land-line telephony is impractical may request Detroit Edison to install optional digital cellular telephony to the meter. Detroit Edison will furnish, own, install, activate, and maintain the digital cellular device for a monthly charge of \$45.00 to the customer. The minimum term for this optional service is one year. The customer is responsible for all charges from the cellular provider.

- 2.9.2 The Customer is responsible for assuring the performance of the telephone line. If the telephone line used for metering is out of service, Detroit Edison will retrieve the data manually for a fee of \$37/ month (one reading) *after the first manual read.*

In the event that the telephone line service *at a Primary customer location* is out for three consecutive months, the Customer's retail access service may be terminated and the Customer may be transferred to service under Detroit Edison's full requirement tariffs subject to the provisions of **Section 5.3.**

(Continued on Sheet No. EC2f)

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(Continued From Sheet No. EC2e)

2. TERMS AND CONDITIONS OF SERVICE (Continued)

In the event that the telephone line service at a Secondary customer location with optional interval-metered service is out for three consecutive months, Detroit Edison may switch the customer to load-profiled Retail Access service. Customers so switched will be ineligible for the optional interval-metered service for a period of 12 months.

2.9.3 *A hardship exception may be made for cases where installation of both land-line and cellular telephony is impractical. The burden of proving hardship rests on the customer. Detroit Edison will not unreasonably withhold the granting of such exception and a customer may appeal Detroit Edison's decision to the MPSC. Customers who are granted the exception will have their interval meters read manually, once per month, at the time of Detroit Edison's billing, at an additional monthly cost of \$37.00/month.*

2.9.4 *For load-profiled customers, meters will be read by conventional means and the Customer will not be required to provide a telephone service.*

2.9.5 The switch of a Customer's account from one supplier to another will normally take place on the scheduled meter reading date for that Customer (the Effective Date) and be based on the reading made that same day. If an actual meter reading is not made on the Effective Date, Detroit Edison will read the meter within five (5) business days of the date in which Detroit Edison determines that the scheduled actual meter reading has not occurred. The meter reading on the Effective Date will be determined on a pro rated basis based on the actual meter reading. Detroit Edison's failure to read meters in the time frames noted, through no fault of the Customer, shall not result in penalties of any type to the Customer. Except for actions outside the scope of Detroit Edison's control and storms or other events or occurrences that render the reading of meters physically impossible, customer's bills for Detroit Edison distribution services will be reduced by 1/30 for each day Detroit Edison meter reads are late past a three day grace period.

2.10 Meter Errors and Telephone Failures

Billing where metering errors and malfunctions have taken place shall be performed as follows:

2.10.1 For Energy and non-Interval Demand Metered Customers where metered data is not available due to metering errors, malfunctions, or otherwise, the usage will be estimated using the procedure described in the billing rule B-4.2 (2) Estimated Billing.

2.10.2 For Interval Demand Metered Customers where metered data is not available due to metering errors, malfunctions, or otherwise, the usage will be estimated using the available historical data for the Customer.

2.10.3 Where incorrect billing results from calculation error discovered by either Detroit Edison, the Alternative Electric Supplier, or the Customer, the error will be corrected and revised bills for the Customer and the Alternative Electric Supplier will be calculated and settled on the next billing period after the error is discovered. Billing errors discovered by Detroit Edison shall be adjusted as provided for in the Residential, Commercial, and Industrial Billing Rules.

2.10.4 Liability for meter or calculation errors or malfunctions shall be assigned or apportioned to the appropriate party based on fault.

(Continued on Sheet No. EC2g)

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(Continued From Sheet No. EC2f)

3. CHARACTER OF SERVICE

- 3.1 Detroit Edison furnishes alternating current service at a nominal frequency of 60 hertz 24 hours a day, subject to interruption by tariff, by agreement, by advance notice, by accident or by other causes not under the reasonable control of Detroit Edison.
- 3.2 For Single-Phase Distribution Service, Detroit Edison provides service at differing voltages available in differing configurations within its service territory. These include, but are not limited to, single-phase secondary alternating current service at 120/240 volts. In some districts current is supplied from a Y-connected secondary network at 208Y/120 volts. Customers who are considering locating new load or who are considering adding load at an existing Location should contact Detroit Edison to determine what service is available at a particular Location to serve their Load.
- 3.3 For Three-Phase Distribution Service, Detroit Edison provides service at differing voltages available in differing configurations within its service territory. These include, but are not limited to, alternating current, three-phase service at nominal 4,800, 13,200, 24,000, 41,570 or 120,000 volts which may be transformed to lower voltages through Detroit Edison-owned transformation equipment. Where three-phase service is supplied at 480Y/277 volts through Detroit Edison-owned transformation equipment, the Customer must furnish any transformation for the supply of its 120/240 volt requirements. Customers who are considering locating new load or who are considering adding load at an existing Location should contact Detroit Edison to determine what service is available at a particular Location to serve their Load.

4. AVAILABILITY OF SERVICE

- 4.1 A customer site with load connected to Detroit Edison's Distribution System through a metered delivery point capable of delivering the required power that meets the eligibility requirements set forth in Section 2.3 shall be eligible for Retail Access Service.

5. TERM, COMMENCEMENT OF SERVICE AND RETURN TO FULL SERVICE

5.1 Term

- 5.1.1 Retail access service shall have a minimum term of two years subject to the provisions of Section 5.3. Upon completion of the initial term, retail access service shall continue on a month to month basis until terminated by the Customer or Detroit Edison with 30 days written notice. Any customer who elected retail access service prior to the Commission's final order in U-13808 will be subject to a minimum term of one year.

When more than 10% of the customer load in kWh for any of the three rate classes – residential, commercial, and industrial – is taking open access service, customers in that class must provide 60 days written notice.

If an Alternative Electric Supplier defaults, a Customer who returns to full service before the 30 or 60 days elapse shall pay the higher of the tariff rate or market based rate until Detroit Edison has received the benefit of 30 or 60 days notice, at which time the customer may elect to remain on full service for 12 months and pay tariff rates as provided for in Section 5.3. All other customers who fail to give less than 30 or 60 days notice are subject to Detroit Edison's ability to supply their requirements.

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(Continued on Sheet No. EC2h)

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(Continued From Sheet No. EC2g)

5. TERM, COMMENCEMENT OF SERVICE AND RETURN TO FULL SERVICE (Continued)

5.1.2 The terms of service associated with any previously contracted or newly initiated service are specified below:

Retail access service provided to new locations served by Detroit Edison shall be for an initial minimum term of five years over which time the minimum charges shall apply. Contributions in Aid of Construction for distribution facilities will be per tariff rate.

Service provided to existing locations shall be for the unexpired portion of any existing contract but not less than a term of one year over which time the minimum charges shall apply.

After the expiration of the contract minimum term for Retail Access Service, the contract shall be extended thereafter, from month-to-month.

Minimum charges shall be adjusted each year to recognize actual demand.

5.2 Commencement of Service

5.2.1 Retail access service shall be initiated by a Customer choosing an Alternative Electric Supplier and the subsequent submission of an electronic enrollment by the Alternative Electric Supplier on behalf of the Customer in a manner specified by Detroit Edison. Alternative Electric Supplier submission of the enrollment warrants that a valid contract with the prospective Customer exists. Detroit Edison shall be required to complete all open access enrollment activities required of it to get the enrollment to "site-ready" status within the timeframes specified in Section 2.5.

5.2.2 Retail access service may not commence until metering has been installed as specified in this Rider or agreements related thereto and:

MISO has received from the Marketer an executed Transmission Service Agreement.

In addition, Detroit Edison must have received from the Alternative Electric Supplier:

- (i) the Alternative Electric Supplier's warranty, that the Alternative Electric Supplier has obtained all necessary approvals authorizing the Alternative Electric Supplier to conduct business at each Location to be served, and
- (ii) the Alternative Electric Supplier's warranty, that each enrollment submitted is in full compliance with requirements for enrollment, and is backed by proper authorization from the Customer allowing the Alternative Electric Supplier to enroll the Customer in retail access.

5.3 Return to Full Service

5.3.1 In addition to the written notice provided in 5.1, a Customer shall provide Detroit Edison with notice no later than December 1st if the Customer will be taking full service from Detroit Edison during the following summer. For this purpose, "summer" means Detroit Edison regularly scheduled billing periods beginning June 1st through September 30th. Customers who so notify Detroit Edison shall be obligated to take full service from Detroit Edison for twelve months and pay for such service at any tariff rate for which the customer qualifies.

(Continued on Sheet No. EC2i)

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(Continued From Sheet No. EC2h)

5. TERM, COMMENCEMENT OF SERVICE AND RETURN TO FULL SERVICE (Continued)

If a Customer does not provide Detroit Edison with written notice prior to December 1st and then takes full service from Detroit Edison during the following summer, the Customer shall pay Detroit Edison the higher of (a) the applicable tariff energy prices plus 10% or (b) the Market Priced Power charges plus 10% until such time as the minimum two year commitment to retail open access service has been met and the December 1st written notice requirement has been met.

5.3.2 Subject to the notice provisions of Section 5.3.1, Customers that discontinue retail access service may return to Detroit Edison Full Service under the following conditions:

5.3.2.1 Option 1 -- 12 Month Service Commitment

If the Customer commits to Detroit Edison Full Service for a minimum of 12 months, then the Customer may take service under any tariff rate for which the Customer qualifies. Any returning Customer that commits to remain on full service for the subsequent 12 months and then fails to do so will be back billed for the higher of the tariff rate or market-based rate.

5.3.2.2 Option 2 -- Short-Term Service

If the Customer chooses not to commit to Detroit Edison Full Service for a minimum of 12 months, then the Customer may take service under any tariff rate for which the Customer qualifies, with the tariff rate modified as follows:

The Power Supply Cost Recovery component, both base and adjustment factor, in any and all energy prices of the tariff, shall be subtracted from the energy prices and the Market Priced Power charge shall be added to the energy prices. The Market Priced Power charge shall reflect the current market value of energy, shall be based on visible indexes of electricity market prices plus reasonable charges for transmission and losses, and shall be calculated according to methods approved by the Michigan Public Service Commission. The Customer shall be billed the higher of the applicable tariff energy prices or the Market Priced Power charge.

The Customer may at any time return to retail access service or agree to take Detroit Edison Full Service for a minimum of 12 months.

5.3.2.3 Unless otherwise provided for and subject to other conditions in this Rider, a Customer may return to Detroit Edison Full Service under the provisions of Section 5.3 and subsequently go back to retail access service no more than once in any month.

6. Billing and Payment

6.1 Detroit Edison will bill the Customer for retail access service at the rates and charges outlined in Section 8.

6.2 The Customer shall pay Detroit Edison the amount billed on or before a due date established by Billing Rules approved by the Commission in cases U-10661 and U-11397. A late payment charge of 2%, not compounded, of the unpaid balance, net of taxes, shall be added to any bill which is delinquent and not in dispute.

(Continued on Sheet No. EC2j)

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(Continued From Sheet No. EC2i)

6. BILLING AND PAYMENT (Continued)

6.3 The Customer shall retain the right to direct Detroit Edison to send the monthly bill to any third party, including the Alternative Electric Supplier.

6.4 Disconnection for Non-Payment

Customers will be subject to disconnection for non-payment of Detroit Edison distribution charges, that are not in dispute, in accordance with the rules described in Detroit Edison's Rules and Regulations, Section 2.5.

7. DISTRIBUTION CONTRACT CAPACITY

7.1 All Interval Demand Metered Customers shall contract for an amount of capacity sufficient to meet the maximum requirements of all Load connected to the Detroit Edison Distribution System at the Customer's Location. The Distribution Contract Capacity will initially be set at the greater of: 1) the previously established Contract Capacity; 2) the previously established Distribution Contract Capacity; 3) the highest 30-minute integrated demand created during the previous 12 billing months at each voltage level (whether the Customer received service under this Rider or a Detroit Edison retail tariff or contract), for each Location. Any single 30-minute integrated reading of the Interval Demand Meter in any month that exceeds the Distribution Contract Capacity then in effect shall become the new Distribution Contract Capacity. Customers not having previously established service requirements shall contract with Detroit Edison for a specified Distribution Contract Capacity in kW sufficient to meet the maximum requirements for each location.

7.2 Detroit Edison will provide the necessary facilities to deliver electric power from its Distribution System at the Distribution Contract Capacity. Any incremental cost incurred by Detroit Edison to provide the necessary facilities to meet the Customer's increased demand for distribution services over the Distribution Contract Capacity existing when service commences under this Rider shall be the responsibility of the Customer. Once established, the Distribution Contract Capacity shall not decrease during the contract term unless there is a specific permanent reduction in connected load.

8. RATES AND CHARGES

Rates and charges for delivery are stated in the customer's applicable unbundled tariff.

8.1 Optional Interval-Metered Service

Detroit Edison will charge Secondary customers who elect this optional interval metering service an additional fee per month for the meter and the costs of collecting and storing the interval data.

The fee for this optional interval-metered service is:

<i>Energy metered customers (D3)</i>	<i>\$25.00/month</i>
<i>Energy/demand metered customers (D4)</i>	<i>\$20.75/month</i>

This charge is in addition to the customer's normal delivery charges.

Active and enrolled Retail Access customers on the effective date of this Rider, who were previously required to install interval meters to take retail access service, may continue taking interval metered service under this optional service, without charge, until 24 months from the effective date of this Rider. Thereafter they will be charged the fee indicated above.

(Continued on Sheet No. EC2k)

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(Continued From Sheet No. EC2j)

8. RATES AND CHARGES (Continued)

8.2 Optional Cellular Telephony for Interval-Metered Customers

The charge for Detroit Edison's digital cellular alternative to land-line telephony, as described in Section 2.9.1 is \$45.00/month

The customer is responsible for all charges from the cellular provider.

8.3 Manual Meter Reading of Interval Meters

Detroit Edison's charge for manually reading (downloading) the data from an interval meter is \$37.00/month for a single read, performed at the time of Detroit Edison billing. This charge applies to the second and subsequent ad-hoc meter reads necessitated by telephony failures and regular monthly reads for customers with the hardship exception as described in Section 2.9.3.

9. Reserved for Future Use

(Continued on Sheet No. EC2l)

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10. OTHER PROVISIONS

- 10.1** Retail Access Customers will be subject to the relevant curtailment procedure contained in Detroit Edison's electrical Procedures, Rule B-3.7. Detroit Edison shall give Retail Access Customers the same priorities in curtailment situations as it gives Full Service Customers.
- 10.2** All Points of Receipt for Power produced within the Detroit Edison retail service territory for delivery to Customers within that territory shall be considered as being points located on the ITC Transmission System.
- 10.3** All electric generation equipment connected in parallel with the Detroit Edison system must comply with the Detroit Edison Protective Relaying, Operating and Telemetering Guidelines for Independently Owned Generation and before operating such equipment must obtain certification, in writing, from Detroit Edison that the conditions outlined in the guidelines have been met.
- 10.4** Customer equipment must be operated so that voltage flicker and harmonics on the Detroit Edison Distribution System shall not exceed permissible limits established by Detroit Edison and by IEEE Standard 519, respectively. Failure to comply with this requirement may result in discontinuance of service to the Customer and disconnection of Customer's Load from the Detroit Edison system.
- 10.5** Redundant services requested by the Customer may be provided under separate agreement.
- 10.6** Detroit Edison's Rules and Regulations as currently in effect are incorporated by reference into this Rider to the extent applicable and, Rule C-2.2(2) notwithstanding, only to the extent not inconsistent with the terms of this Rider.

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(Continued From Sheet No. EC2I)

ALTERNATIVE ELECTRIC SUPPLIER SECTION

11. ALTERNATIVE ELECTRIC SUPPLIER

- 11.1 This Rider section outlines the rights and responsibilities of Alternative Electric suppliers and Detroit Edison when enrolling and serving Customers under retail access service. The Alternative Electric Supplier is the retail seller of electric supply to the Customer on Detroit Edison's Distribution System.
- 11.2 If an Alternative Electric Supplier or Marketer fails to pay amounts due Detroit Edison or otherwise fails to perform obligations undertaken in connection with service to a Customer, Detroit Edison will give the Customer notice of the Alternative Electric Supplier's or Marketer's default. If the Customer, its Alternative Electric Supplier, or its Marketer fails to pay amounts due Detroit Edison or otherwise fails to comply with the provisions of the applicable Tariffs or agreements with Detroit Edison, retail access service may be terminated. Unless the Customer, Alternative Electric Supplier or Marketer cures the default with Detroit Edison or the Customer changes its Alternative Electric Supplier, the Customer may be returned to Detroit Edison Full Service subject to the provisions of **Section 5.3**.
- 11.3 The Alternative Electric Supplier is responsible for all of the Alternative Electric Supplier charges associated with its Customers until retail access service is terminated.
- 11.4 Termination of retail access service to a Customer can be initiated by the Alternative Electric Supplier, the Customer or Detroit Edison. Alternative Electric Suppliers and Detroit Edison shall comply with the billing rules that govern the shut off of service, R 460.2101 et seq. and R 460.3903 et seq. except that instead of providing a notice of termination, Alternative Electric Suppliers shall provide a notice of return to full service.

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12. CREDITWORTHINESS

12.1 There is no creditworthiness requirement for Alternative Electric Supplier 's unless the Alternative Electric Supplier is purchasing products or services from Detroit Edison. Alternative Electric Suppliers who purchase products or services from Detroit Edison must demonstrate and maintain current creditworthiness in an amount sufficient to cover anticipated charges for all those products or services. For unsecured credit, the Alternative Electric Supplier must provide three (3) years of audited financial statements, including notes, having an acceptable amount of positive tangible net worth, and meeting risk parameters derived from an analysis of its financial statements. The Alternative Electric Supplier may provide alternative security or credit enhancement, such as a letter of guarantee, letter of credit or prepayment. Detroit Edison will use reasonable credit review procedures which may include, but are not limited to, review of the Alternative Electric Supplier's financial statements, verification that the Alternative Electric Supplier is not operating under state or federal bankruptcy laws, and has no pending lawsuits or regulatory proceedings or judgments outstanding which would have a material adverse affect on the Alternative Electric Supplier and its ability to perform its obligations. Affiliates of Detroit Edison must meet these same creditworthiness requirements.

The amount of creditworthiness required is equivalent to two months expected exposure.

Following 24 months of full and timely payment to Detroit Edison for service provided, an Alternative Electric Supplier shall be deemed to have sufficient credit to satisfy Detroit Edison's requirements.

13. ELECTRONIC BUSINESS TRANSACTIONS

13.1 Unless specified otherwise by Detroit Edison in a Commission-approved tariff, Alternative Electric Suppliers shall transact all business with Detroit Edison electronically.

13.2 Unless otherwise specified by Detroit Edison in a Commission-approved tariff, all payments made to Detroit Edison by the Alternative Electric Supplier will be made by electronic funds transfer to the Detroit Edison account.

14. CONDITIONS PRECEDENT TO CUSTOMER ENROLLMENT

The Alternative Electric Supplier will not be eligible to enroll Customers unless and until the following conditions precedent have been satisfied and continue to be satisfied:

14.1 The Alternative Electric Supplier has been granted a license by the Commission.

14.2 The Alternative Electric Supplier has demonstrated electronic communication and commerce capability, which meets Detroit Edison's standards and protocols as defined in tariffs approved by the Commission.

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14. CONDITIONS PRECEDENT TO CUSTOMER ENROLLMENT (Continued)

14.3 The Alternative Electric Supplier has an executed contract with a qualified Marketer, as evidenced in an executed Alternative Electric Supplier-Marketer Notice.

15. CONDITIONS PRECEDENT FOR SERVING CUSTOMERS

The Alternative Electric Supplier will not be permitted to serve or continue to serve Customers unless and until the following conditions precedent have been satisfied and maintained:

15.1 The Alternative Electric Supplier has satisfied and continues to satisfy all conditions in Section 14.

15.2 All required Customer metering equipment is in place and functioning properly.

15.3 **All required telephony to the meter is in place and functioning properly (Interval-Metered Customers).**

15.4 The Alternative Electric Supplier has complied with and continues to comply with all provisions of this Rider.

16. RATES AND CHARGES

16.1 The Alternative Electric Supplier shall pay Detroit Edison the following:

16.1.1 An Alternative Electric Supplier enrolling Customer(s) with the Complete Billing option shall pay Detroit Edison a one-time charge of \$5,000 for the Alternative Electric Supplier's initial rate-ready schedule set-up for up to sixty rates, regardless of the number of Customers electing this option.

16.1.2 An Alternative Electric Supplier enrolling Customer(s) with the Complete Billing option shall pay Detroit Edison a monthly transaction charge of \$0.20 per Customer location billed under the Complete Billing option.

16.1.3 An Alternative Electric Supplier enrolling Customer(s) with the Complete Billing option shall pay Detroit Edison \$1,000 per occurrence for each change request made by the Alternative Electric Supplier to its rate-ready schedule, regardless of the number of changes in the request or the number of Customers effected.

16.1.4 Any other charges to the Alternative Electric Supplier for services provided by Detroit Edison will be negotiated on an individual case basis.

16.2 Detroit Edison will provide two (2) Customer Billing options-Complete Billing by Detroit Edison and Separate Billing by Detroit Edison and the Alternative Electric Supplier. It is the responsibility of the Alternative Electric Supplier to identify on the Customer Enrollment Form which of these options the Customer has requested.

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16. RATES AND CHARGES (Continued)

16.3 Allocation of Partial Payments Under Complete Billing

In the event the Customer submits a partial payment, the receipts will be applied as follows:

- all past due and current Detroit Edison distribution and distribution related charges
- past due and current Alternative Electric Supplier energy charges
- other Detroit Edison charges
- other Alternative Electric Supplier charges

Partial payments resulting from disputed charges shall be allocated first to undisputed charges in each of the above four categories and then to disputed charges in each of the above four categories.

16.4 Detroit Edison will not pursue collection actions for any Alternative Electric Supplier.

17. DISPUTE RESOLUTION

17.1 Detroit Edison will have no duty or obligation to resolve any complaints or disputes between or among Alternative Electric Suppliers and Marketers or any combination thereof, related to but not limited to switching Alternative Electric Suppliers, switching Marketers, termination of retail access service, Customer enrollment or Customer billing options.

17.2 In the event of a dispute between Detroit Edison and an Alternative Electric Supplier, including but not limited to "Events of Default," the Parties may attempt, in good faith, to resolve the dispute amicably and promptly. If the dispute is not resolved in five (5) business days, the Parties may attempt to resolve the dispute by promptly appointing a senior representative of each Party to attempt to mutually agree upon a resolution. The two senior members shall meet within ten (10) business days. If the two senior representatives cannot reach a resolution within a 30-day period, the dispute may, on demand of either Party, be submitted to arbitration as provided in this section.

17.3 The dispute will be submitted for resolution in accordance with the American Arbitration Association ("AAA") Commercial Arbitration Rules. The judgment rendered by the arbitrator may be enforced in any court having jurisdiction of the subject matter and the Parties.

17.4 If the parties are unable to agree on an arbitrator, the arbitrator shall be determined by AAA.

17.5 The findings and award of the arbitrator shall be final and conclusive and shall be binding upon the Parties, except as otherwise provided by law. Any award shall specify the manner and extent of the division of the costs between the Parties.

17.6 Nothing in this Section shall restrict the rights of either Party to file a formal complaint with an appropriate regulatory agency regarding any issue the adjudication of which lies within the exclusive jurisdiction of the regulatory agency.

(Continued on Sheet No. EC2q)

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18. SLAMMING PROTECTION

- 18.1 Alternative Electric Suppliers shall warrant that the Customer has duly authorized the submitted enrollment and the Alternative Electric Supplier has complied with the provisions of 2000 P.A. 141 or any applicable commission rules developed pursuant to 2000 P.A. 141 to prevent slamming.
- 18.2 Detroit Edison provides Residential Customers with pending enrollments with an Alternative Electric Supplier, a three-day notice period in which the Customer may cancel the enrollment before the switch is executed. If the Customer challenges the enrollment the switch transaction is cancelled, the affected Alternative Electric Supplier(s) are notified, and the enrolling Alternative Electric Supplier shall be assessed the \$5 switching fee instead of the Customer. If the Customer cancels an enrollment in error, the enrolling Alternative Electric Supplier's remedy is to discuss the situation with the Customer and submit a new enrollment.

Commercial and Industrial ROA Customers' right to cancel an enrollment shall be in accordance with the terms of their contract with their Alternative Electric Supplier(s).

(Continued on Sheet No. EC2r)

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MARKETER SECTION

19. REAL POWER LOSSES

The Marketer used by the Alternative Electric Supplier is responsible for replacing losses associated with the delivery of power to the Customer's meter. The amount of Power delivered by Detroit Edison on the Detroit Edison Distribution System to the Customer's meter shall be adjusted using the following real power loss factors for distribution service:

	<u>1st Quarter</u>	<u>2nd Quarter</u>	<u>3rd Quarter</u>	<u>4th Quarter</u>
Secondary	10.88%	11.95%	12.01%	10.23%
4.8/13.2 kV	6.61%	7.13%	7.37%	6.31%
24kV/41.6 kV	1.86%	2.09%	2.34%	1.90%
120 kV and above	0.55%	0.57%	0.57%	0.55%

Marketers must schedule and supply an amount of Power equal to its Customers' hourly usage x [(1 + D%) x (1 + T%)] to account for losses on the ITC Transmission and Detroit Edison Distribution System, where T% is the applicable loss factor contained in the ITC Open Access Transmission Tariff and D% is the applicable loss factor from the table above.

20. OPTIONAL LOAD PROFILE MANAGEMENT SERVICE

The Optional Load Profile Management Service (Load-Leading Service) is no longer available.

21. HOURLY USAGE DATA TO SUPPORT MISO SETTLEMENT

21.1 Meter Data Management Agent

At the option of the Marketer, Detroit Edison will act as their Meter Data Management Agent (MDMA) for their customer loads within Detroit Edison's service area. The Marketer is under no obligation to take this service from Detroit Edison.

21.2 Hourly Usage Data for Interval-Metered Customers

Hourly usage for Primary customers and Secondary customers taking optional interval-metered Retail Access service will be the customer's actual measured usage for each hour increment as recorded by the interval meter.

21.3 Hourly Usage Data for Customers Without Interval Meters

Standard Retail Access service for Secondary customers is accomplished with Detroit Edison's standard metering for the customer class and type of service taken. There is no requirement for interval metering for Secondary customers.

(Continued on Sheet No. EC2s)

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21. HOURLY USAGE DATA TO SUPPORT MISO SETTLEMENT (Continued)

Hourly usage data for these customers will be determined through the use of MPSC-approved load profiles that will be used to distribute the total usage in the billing period across all the hours in that billing period. The same MPSC-approved profiles must be used for all retail access customers in a given load profiling grouping whether or not Detroit Edison acts as the MDMA.

21.3.1 Load Profiles

Secondary customers will be assigned to one of twelve distinct customer groupings, based on customer class (Residential or Non-Residential), type of service (single-phase or three-phase), type of metering (energy only or energy and demand), historical usage characteristics (annual usage, load factor), and if three-phase energy-metered, by major SIC Code grouping (Manufacturing or Non-Manufacturing).

Customers will be assigned to a particular load profile based on their historic information in Detroit Edison's customer systems. Where insufficient history exists, the needed information to assign a profile will be estimated by Detroit Edison.

Customer assignments to a particular load profile will be reviewed annually to see if the customer's annual kWh usage or load factor for the last 12 months merits re-assignment to a different load profile group.

The twelve load profile groupings are shown in the following table:

Profile	Customer Class	Profiles	Description
1	Residential (D1)	One	All Residential Customers (Current Residential Profile)
2	Secondary – Energy Metered (D3) - Single-Phase	One	Single-phase non-Residential Customers on energy-metered rates (D3) (Current Single-Phase Profile)
3	Secondary – Energy Metered (D3) - Three-Phase	Two - Manufacturing	Low Segment (0 – 256,255 kWh/Year)
4			High Segment (Over 256,255 kWh/Year)
5		Four - Non-Manufacturing	Low Segment (0-46,523 kWh/Year)
6			Medium-Low Segment (46,524 – 114,615 kWh/Year)
7			Medium-High Segment (114,616 – 277,400 kWh/Year)
8			High Segment (Over 277,400 kWh/Year)
9		Four by Annual Load Factor	40 – 49% Annual Load Factor
10			50 – 59% Annual Load Factor
11	60 – 69% Annual Load Factor		
12	70% or Greater Annual Load Factor		

(Continued on Sheet No. EC2t)

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21. HOURLY USAGE DATA TO SUPPORT MISO SETTLEMENT (Continued)

21.3.2 Creation of Load Profiles

Historical profiles based on statistically representative cross-sections of Detroit Edison customers will be used to distribute measured monthly (billing cycle) usage across the hours in the month (billing cycle). The profiles are not modeled. They are based on actual hourly usage data collected from Interval Demand Meters installed on a sample set of Customers from each profile group to achieve a statistically accurate demand estimate of 80% ± 20% on an hourly basis during the on-peak hours.

The hourly usage value posted to the profile is simply the mean usage for that hour for all the customers in the relevant sample.

21.3.3 Availability of Load Profile Data

Detroit Edison will post preliminary hourly data for each hour of a given usage day to a Detroit Edison web-site by the end of the first business day following the usage day. Revisions, if needed, will be posted within 10 working days.

When these load profiles are first implemented, Detroit Edison will publish one year's worth of historical data for each profile to assist suppliers' efforts to model the profile.

Detroit Edison will maintain a rolling 12 months of data on the usage web-site after initial implementation.

21.3.4 Review of Load Profile Performance

Detroit Edison will continually monitor the performance of the load profiling methodology and will provide a report to the MPSC Staff and all parties to the Metering Collaborative within eighteen months of full implementation

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Rate Schedule No. EC3

Optional Retail Access Backup Service

RATE TERMINATED AS OF DECEMBER 18, 2006

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