

THE DETROIT EDISON COMPANY

MISCELLANEOUS STEAM AND WATER RATES

Steam — Jefferson Street Line
Steam — Monsanto Chemical Company
Water — Monsanto Chemical Company

Steam — Great Lakes Steel Corporation
(November 9, 1959)
Steam — Great Lakes Steel Corporation
(September 10, 1959 and sup-
plemented September 10, 1969)

Steam — Detroit Coke Corporation

Steam — Morton Salt Company

CANCELLED BY
ORDER 66949
MAR 31 1983
REMOVED BY JSD



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.

**INDUSTRIAL HIGH PRESSURE STEAM RATE
(JEFFERSON LINE)**

AVAILABILITY OF SERVICE: Available to customers requiring steam service to industrial plants located in the immediate vicinity of the Delray Power Plant owned and operated by The Detroit Edison Company in the City of Detroit. Service will be offered in accordance with the provisions set forth below.

HOURS OF SERVICE: 24 hours, subject to occasional shutdowns for scheduled maintenance. The time and duration of such shutdowns will, when feasible, be scheduled by mutual agreement.

DESCRIPTION OF SUPPLY: Commercially dry saturated steam to be furnished at a pressure of approximately 150 pounds per square inch gauge at the metering point. All make-up water to the steam generating system will be either demineralized or evaporated make-up. The condensate becomes the property of the customer and is not to be returned to the Company. Service will be furnished via the Company's Jefferson Steam Line.

RATE: Demand Charge: \$3.89 per year per pound of contract steam demand.

COMMODITY CHARGE: \$11.32 plus fuel adjustment per 1,000 pounds for all steam consumed.

FUEL ADJUSTMENT: The fuel adjustment shall consist of an additional \$.001 per 1,000 pounds of steam consumed for each full \$.00044 increase in the cost of fuel above \$4.50 per million Btu or a reduction of \$.001 per 1,000 pounds of steam consumed for each full \$.00044 decrease in the cost of fuel below \$4.50 per million Btu. The price per million Btu during any month shall be the average cost to the Company of 1,000,000 Btu of fuel burned during the preceding month, at its Delray Power Plant, figured to the nearest one-thousandth of a cent. The cost of fuel shall include the cost of transportation to the Company's Delray Power Plant for such fuel, plus any excise or other tax placed upon the purchase or transportation of such fuel. Cost of unloading, reloading, storage and overhead charges are expressly excluded from the calculation of said cost of fuel.

The above fuel adjustment shall be increased or decreased by the amount per 1,000 pounds of steam equal to the difference between it and the adjustment determined in the same manner for the preceding billing month. Using the following formula, the modified fuel adjustment is:

- M = A + (A-B) where
- M = Modified fuel adjustment
- A = Fuel adjustment without modification
- B = Fuel adjustment without modification the previous month

LATE PAYMENT CHARGE: 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 days from the date of physical mailing of the bill will be assessed.

BILLING: The yearly contract demand charge shall be payable in twelve (12) equal payments to be added to the billing for monthly steam consumption.

In the event the customer is prevented from using steam because of the inability of the Company to deliver steam for any cause, the fixed monthly charge shall be suspended for the duration of such interruption. Bills for service are rendered monthly. Meters will be read on a monthly basis on approximately the same day each month. Readings may be estimated when conditions warrant. Bills rendered on estimated readings have the same force and effect as bills rendered on meter readings.

(Continued on next sheet)

CANCELLED BY
ORDER U-8507 is:
SEP - 9 1986
REMOVED BY HP

Issued: April 1, 1983
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226



Effective on service rendered on and after April 1, 1983, under authority of Order of the Michigan Public Service Commission dated March 31, 1983, in Case U-6949.

INDUSTRIAL HIGH PRESSURE STEAM RATE
(JEFFERSON LINE)

AVAILABILITY OF SERVICE: Available to customers requiring steam service to industrial plants located in the immediate vicinity of the Delray Power Plant owned and operated by The Detroit Edison Company in the City of Detroit. Service will be offered in accordance with the provisions set forth below.

HOURS OF SERVICE: 24 hours, subject to occasional shutdowns for scheduled maintenance. The time and duration of such shutdowns will, when feasible, be scheduled by mutual agreement.

DESCRIPTION OF SUPPLY: Commercially dry saturated steam to be furnished at a pressure of approximately 150 pounds per square inch gauge at the metering point. All make-up water to the steam generating system will be either demineralized or evaporated make-up. The condensate becomes the property of the customer and is not to be returned to the Company. Service will be furnished via the Company's Jefferson Steam Line.

RATE: Demand Charge: \$3.60 per year per pound of contract steam demand.

COMMODITY CHARGE: \$8.70 plus fuel adjustment per 1,000 pounds for all steam consumed.

FUEL ADJUSTMENT: The fuel adjustment shall consist of an additional \$.001 per 1,000 pounds of steam consumed for each full \$.00060 increase in the cost of fuel above \$4.40 per million Btu or a reduction of \$.001 per 1,000 pounds of steam consumed for each full \$.00060 decrease in the cost of fuel below \$4.40 per million Btu. The price per million Btu during any month shall be the average cost to the Company of 1,000,000 Btu of fuel burned during the preceding month, at its Delray Power Plant, figured to the nearest one-thousandth of a cent. The cost of fuel shall include the cost of transportation to the Company's Delray Power Plant for such fuel, plus any excise or other tax placed upon the purchase or transportation of such fuel. Cost of unloading, reloading, storage and overhead charges are expressly excluded from the calculation of said cost of fuel.

The above fuel adjustment shall be increased or decreased by the amount per 1,000 pounds of steam equal to the difference between it and the adjustment determined in the same manner for the preceding billing month. Using the following formula, the modified fuel adjustment is:

$M = A + (A-B)$ where
M = Modified fuel adjustment
A = Fuel adjustment without modification
B = Fuel adjustment without modification the previous month

LATE PAYMENT CHARGE: See Schedule Designation B-2.10.

BILLING: The yearly contract demand charge shall be payable in twelve (12) equal payments to be added to the billing for monthly steam consumption.

In the event the customer is prevented from using steam because of the inability of the Company to deliver steam for any cause, the fixed monthly charge shall be suspended for the duration of such interruption. Bills for service are rendered monthly. Meters will be read on a monthly basis on approximately the same day each month. Readings may be estimated when conditions warrant. Bills rendered on estimated readings have the same force and effect as bills rendered on meter readings.

(Continued on next sheet)

CANCELLED BY
ORDER 11.6949
MAR 31 1983
REMOVED BY J.E.A.

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**INDUSTRIAL HIGH PRESSURE STEAM RATE-Continued
(JEFFERSON LINE)**

MINIMUM CHARGE: The monthly minimum charge shall be the monthly installment on the annual contract demand charge. In the event that the customer discontinues service before the end of the contract term, the contract demand charge for the unexpired part of the contract shall immediately become due and payable.

CONTRACT DEMAND: The Company will be the sole judge as to the amount of surplus steam capacity that can be made available for steam service. The Company does not hold itself ready to supply additional steam requirements without advance notice of one year by the customer of his additional requirements. The customer will contract for capacity sufficient to meet normal maximum requirements and this will become the contract demand for billing purposes. In the event of an increase in the steam requirement, a new contract demand shall be established, subject to the availability of surplus steam capacity. This contract demand shall not be reduced for the first five years. If, thereafter, the character of the customer's business is substantially changed, the Company will entertain a request to reduce the contract demand as shall be mutually agreed upon.

CONTRACT TERM: As to continuity of service but not as to rate, contracts will be taken for initial periods of not less than five years, extending thereafter from year to year 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.

SPECIAL TERMS AND CONDITIONS: The agreement for industrial steam service is not transferable except to a successor in business or a subsidiary of either party whose credit and responsibility shall be satisfactory to the Company. The customer agrees not to resell or offer for resale steam or heat supplied under his contract, except by mutual consent. The customer agrees that it will not use steam supplied hereunder for any purpose other than (a) as process steam, or (b) for the purpose of providing steam heat, or (c) for the purpose of operating industrial machinery or equipment used in the direct production or fabrication of articles that may be the subject of the customer's business.

To the rate stated herein shall be added the proportionate part of any directly allocable tax, impost or assessment imposed or levied by any governmental authority which may be assessed or levied directly against the Company on the sale of steam under this contract.

Special terms and charges may be added to the contract when taking in consideration the facilities furnished by the Company in serving the load.

CANCELLED BY
ORDER U - 8507
SEP - 9 1986
REMOVED BY HP

(Continued on next sheet)

Issued: April 1, 1983
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INDUSTRIAL HIGH PRESSURE STEAM RATE-Continued
(JEFFERSON LINE)

MINIMUM CHARGE: The monthly minimum charge shall be the monthly installment on the annual contract demand charge. In the event that the customer discontinues service before the end of the contract term, the contract demand charge for the unexpired part of the contract shall immediately become due and payable.

CONTRACT DEMAND: The Company will be the sole judge as to the amount of surplus steam capacity that can be made available for steam service. The Company does not hold itself ready to supply additional steam requirements without advance notice of one year by the customer of his additional requirements. The customer will contract for capacity sufficient to meet normal maximum requirements and this will become the contract demand for billing purposes. In the event of an increase in the steam requirement, a new contract demand shall be established, subject to the availability of surplus steam capacity.

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CANCELLED BY
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**INDUSTRIAL HIGH PRESSURE STEAM RATE-Continued
(JEFFERSON LINE)**

CUSTOMER'S EQUIPMENT: With the exception of metering equipment and one service valve, furnished by the Company, all of the steam system within the customer's property line is the property of the customer who shall have sole responsibility for its safe installation, maintenance, and operation. The Company may furnish a primary pressure reducing valve if, in the Company's opinion, main pressure at that location of the steam system warrants such an installation.

The customer shall notify the Company of any changes in his system which may affect his use of, or metering of, service. The Company has the right to seal any of the customer's equipment. No such seal shall be broken without the consent of the Company.

The Company reserves the right to refuse supply of service if, in its opinion:

- (a) the customer has installed defective equipment, or
- (b) the customer's equipment does not comply with reasonable safety standards, or
- (c) the customer's equipment is in violation of the Company's standard requirements, or
- (d) the customer's equipment might injuriously affect the equipment of the Company or Company's service to other customers.

OPERATION OF CUSTOMER'S EQUIPMENT: The customer is responsible for the operation of his system. Any abnormal operation which results in increased steam consumption is not the fault of the Company. The steam service valve, which is furnished by the Company, and may be located in the customer's building, is intended for use by the Company and not by the customer. The customer may install and operate his own shut-off valve.

It is the customer's responsibility to maintain his system so that steam does not reach the condensate meter, if this type of meter is used. The Company may maintain the customer's master steam trap in the condensate line for protection of its meter.

Although the Company is available to assist the customer in planning his system and selection of equipment, which will perform satisfactorily on steam service provided as described above, it is the customer's responsibility to make the final selection and installation of his system.

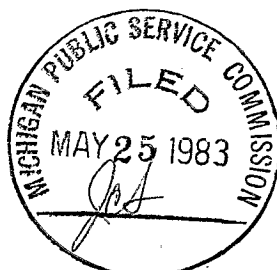
It shall be the responsibility of the customer to repair, as soon as possible, any water or condensate leaks which would cause a condensate meter to register high or low, and to repair, within 10 days, any valve leak on a shuntflow meter system which would cause the meter to register low.

COMPANY EQUIPMENT ON CUSTOMER'S PROPERTY: The Company will keep in 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.

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 or do any work on any meter or other apparatus of the Company located on the customer's premises.

(Continued on next sheet)

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SEP - 9 1986
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INDUSTRIAL HIGH PRESSURE STEAM RATE-Continued
(JEFFERSON LINE)

CUSTOMER'S EQUIPMENT: With the exception of metering equipment and one service valve, furnished by the Company, all of the steam system within the customer's property line is the property of the customer who shall have sole responsibility for its safe installation, maintenance, and operation. The Company may furnish a primary pressure reducing valve if, in the Company's opinion, main pressure at that location of the steam system warrants such an installation.

The customer shall notify the Company of any changes in his system which may affect his use of, or metering of, service. The Company has the right to seal any of the customer's equipment. No such seal shall be broken without the consent of the Company.

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- (a) the customer has installed defective equipment, or
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It is the customer's responsibility to maintain his system so that steam does not reach the condensate meter, if this type of meter is used. The Company may maintain the customer's master steam trap in the condensate line for protection of its meter.

Although the Company is available to assist the customer in planning his system and selection of equipment, which will perform satisfactorily on steam service provided as described above, it is the customer's responsibility to make the final selection and installation of his system.

It shall be the responsibility of the customer to repair, as soon as possible, any water or condensate leaks which would cause a condensate meter to register high or low, and to repair, within 10 days, any valve leak on a shuntflow meter system which would cause the meter to register low.

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REMOVED BY JEA

INDUSTRIAL HIGH PRESSURE STEAM RATE-Continued
(JEFFERSON LINE)

In the event it is found that the Company's equipment is being tampered or interfered with, the customer, being supplied through such equipment, will be liable for the amount which the Company estimates is due for service but not registered on the Company's meter, and for any repairs or replacements required along with the costs of inspections, investigations and protective installations. The Company may also, at its option, disconnect the service if such abuses occur.

CANCELLED BY ORDER <u>U - 8507</u>
SEP - 9 1986
REMOVED BY <u>HP</u>

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Vice Chairman of the Board
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INDUSTRIAL HIGH PRESSURE STEAM RATE-Continued
(JEFFERSON LINE)

In the event it is found that the Company's equipment is being tampered or interfered with, the customer, being supplied through such equipment, will be liable for the amount which the Company estimates is due for service but not registered on the Company's meter, and for any repairs or replacements required along with the costs of inspections, investigations and protective installations. The Company may also, at its option, disconnect the service if such abuses occur.

CANCELLED BY
ORDER 46949
MAR 31 1983
REMOVED BY FEA

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Vice Chairman of the Board
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Delete all of Section E and substitute the following:

E. RATE SCHEDULE - STEAM

1. Firm Contract Capacity:

The Company shall, subject to the conditions set forth elsewhere in this Agreement, have available at all times during the term of this contract sufficient steam to supply the customer with 220,000 pounds of steam per hour which amount shall be deemed by the parties hereto to be firm contract capacity and shall be paid for by the customer according to the rate established herein. After an initial period of five years from the effective date of this Agreement, the customer may have the firm contract capacity reduced to a level of not less than 100,000 pounds of steam per hour by giving one year's written notice to the Company in advance of the reduced requirements.

2. Demand Variation:

The firm contract capacity is based on pounds of steam per hour and is not affected by momentary variation. However, sustained use of steam in excess of the firm contract capacity hereby established, if deemed to be available for this supply, shall be considered as cause to negotiate a new contract capacity based on such excess use, provided such excess use has not been previously scheduled as non-firm steam supply under the provisions of Article F.

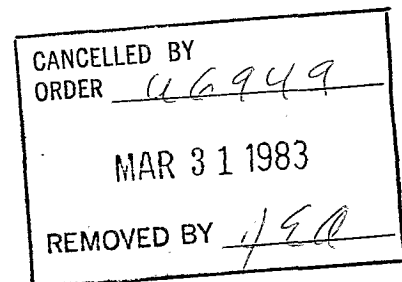
3. Increasing Firm Contract Capacity:

The Company does not hold itself ready to supply firm steam in excess of the firm contract capacity required by this contract without an eighteen (18) month written notice from the customer in advance of his additional requirements. The firm contract capacity shall be re-established based on the customer's increased requirements as set forth in said notice. The steam demand charge set forth below in paragraph 4 of this article shall be understood to apply only for the firm contract capacity of 220,000 pounds of steam per hour which amount is deemed to be available from existing facilities at the Trenton Channel Power Plant.

4. Annual Contract Demand Charge:

The steam demand charge shall be \$4.27 per year per pound for the firm contract capacity as determined by the parties under the above provision of this contract and shall be payable in twelve (12) equal monthly installments.

(CONTINUED)



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5. Commodity Charge:

In addition to the monthly installment on the steam demand charge there shall be a commodity charge of \$4.02 per 1,000 pounds of steam consumed subject to fuel adjustment.

6. Fuel Adjustment:

The fuel adjustment shall consist of an additional \$.001 per 1,000 pounds of steam consumed for each full \$.0007 increase in the cost of fuel above \$2.10 per million Btu or a reduction of \$.001 per 1,000 pounds of steam consumed for each full \$.0007 decrease in the cost of fuel below \$2.10 per million Btu. The price per million Btu during any month shall be the average cost to the Company of 1,000,000 Btu of fuel burned during the preceding month at its Trenton Channel Power Plant, figured to the nearest one-thousandth of a cent. The cost of fuel shall include the cost of transportation to the Company's Trenton Channel Power Plant for such fuel, plus any excise or other tax placed upon the purchase or transportation of such fuel. Cost of unloading, reloading, storage and overhead charges are expressly excluded from the calculation of said cost of fuel.

The above fuel adjustment shall be increased or decreased by the amount per 1,000 pounds of steam equal to the difference between it and the adjustment determined in the same manner for the preceding billing month. Using the following formula, the modified fuel adjustment is:

$M = A + (A-B)$ where

M = Modified fuel adjustment

A = Fuel adjustment without modification

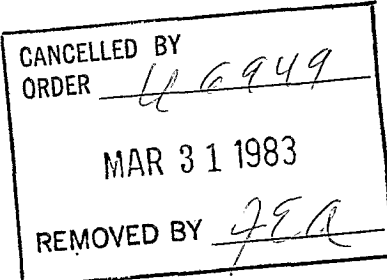
B = Fuel adjustment without modification the previous month

7. Minimum Charge:

The monthly minimum charge for steam service shall be the monthly installment on the annual contract demand charge.

8. Late Payment Charge:

A one-time late payment charge of 1-1/2% 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.



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GENERAL SERVICE WATER AGREEMENT
BETWEEN MONSANTO COMPANY AND DETROIT EDISON COMPANY
DATED DECEMBER 21, 1965

Delete Section E and substitute the following:

E. RATE SCHEDULE - WATER

1. Contract Capacity:

The Company shall, subject to the conditions set forth elsewhere in this Agreement, have available at all times during the term of this contract, sufficient pumping capacity to supply the customer with 20,000 gallons per minute of general service water at a minimum pressure of 25 psig. at the property line which amount shall be deemed by the parties hereto to be the contract capacity and shall be paid for by the customer according to the rate established herein.

2. Demand Variation:

The contract capacity is based on gallons of water per minute and is not affected by momentary variation. However, sustained use of general service water in excess of the contract capacity hereby established, if deemed to be available for this supply, shall be considered as cause to negotiate a new contract capacity based on such excess use.

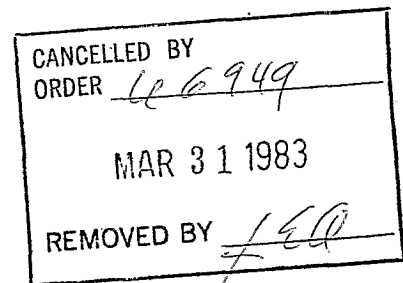
3. Increasing Contract Capacity:

In the event the customer requires additional supplies of general service water, the Company will endeavor to provide additional facilities at rates and charges to be agreed upon at the time.

4. Contract Demand Charge:

The monthly demand charge shall be \$25.10 per hundred gallons per minute of contract capacity as determined by the parties under the above provision of this contract.

(CONTINUED)



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5. Commodity Charge:

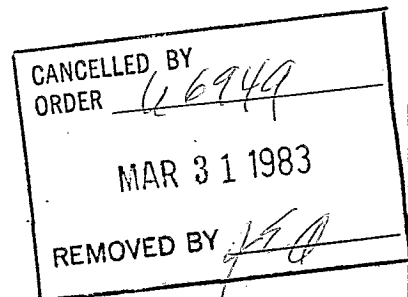
In addition, there shall be a commodity charge of \$0.018 per thousand gallons for all water delivered.

6. Minimum Charge:

The monthly minimum charge shall be the demand charge for the contract capacity but not for less than 20,000 gallons per minute.

7. Late Payment Charge:

A one-time late payment charge of 1-1/2% 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.



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Delete all of Section E and substitute the following:

E. RATE SCHEDULE - STEAM

1. Annual Contract Demand Charge:

The demand charge shall be \$5.83 per year per pound for the maximum available steam per hour, as determined by the parties under the above provision of this contract in Article D, entitled "Contract Demand," and shall be payable in twelve (12) equal monthly installments.

2. Energy Charge:

In addition to the "Demand Charge," there shall be an energy charge per 1,000 pounds of steam consumed of \$4.86 plus or minus the fuel adjustment.

3. Fuel Adjustment:

The fuel adjustment shall consist of an additional \$.001 per 1,000 pounds of steam consumed for each full \$.00065 increase in the cost of fuel above \$2.10 per million Btu or a reduction of \$.001 per 1,000 pounds of steam consumed for each full \$.00065 decrease in the cost of fuel below \$2.10 per million Btu. The price per million Btu during any month shall be the average cost to the Company of 1,000,000 Btu of fuel burned during the preceding month, at its River Rouge Power Plant, figured to the nearest one-thousandth of a cent. The cost of fuel shall include the cost of transportation to the Company's River Rouge Power Plant for such fuel, plus any excise or other tax placed upon the purchase or transportation of such fuel. Cost of unloading, reloading, storage and overhead charges are expressly excluded from the calculation of said cost of fuel.

The above fuel adjustment shall be increased or decreased by the amount per 1,000 pounds of steam equal to the difference between it and the adjustment determined in the same manner for the preceding billing month. Using the following formula, the modified fuel adjustment is:

$M = A + (A - B)$ where
M = Modified fuel adjustment
A = Fuel adjustment without modification
B = Fuel adjustment without modification the previous month

4. Late Payment Charge:

A one-time late payment charge of 1-1/2% 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.

CANCELLED BY
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Delete all of Section E and substitute the following:

E. RATE SCHEDULE - STEAM

1. Annual Contract Demand Charge:

The demand charge shall be \$3.90 per year per pound for the first 150,000 pounds of steam per hour as determined by the parties under the above provision of this contract in Article D, entitled "Contract Demand," and shall be payable in twelve (12) equal monthly installments. The demand charge shall be \$3.33 per pound for the excess pounds of steam per hour.

In the event the maximum monthly demand exceeds the established contract demand in the same month, Great Lakes Steel will be billed at the maximum demand amount for that month only. If the established contract demand is exceeded three times by the maximum demand, a new contract demand will be established at the level of the lowest demand exceeding the currently established contract demand. The new contract demand will remain in effect until it is again exceeded three times by the monthly maximum demand.

2. Energy Charge:

In addition to the "Demand Charge," there shall be an energy charge per 1,000 pounds of steam consumed of \$12.56 plus or minus the fuel adjustment.

3. Fuel Adjustment:

The fuel adjustment shall consist of an additional \$.001 per 1,000 pounds of steam consumed for each full \$.00039 increase in the cost of fuel above \$4.50 per million Btu or a reduction of \$.001 per 1,000 pounds of steam consumed for each full \$.00039 decrease in the cost of fuel below \$4.50 per million Btu. The price per million Btu during any month shall be the average cost to the Company of 1,000,000 Btu of fuel burned during the preceding month, at its Delray Power Plant, figured to the nearest one-thousandth of a cent. The cost of fuel shall include the cost of transportation to the Company's Delray Power Plant for such fuel, plus any excise or other tax placed upon the purchase or transportation of such fuel. Cost of unloading, reloading, storage and overhead charges are expressly excluded from the calculation.

The above fuel adjustment shall be increased or decreased by the amount per 1,000 pounds of steam equal to the difference between it and the adjustment determined in the same manner for the preceding billing month. Using the following formula, the modified fuel adjustment is:

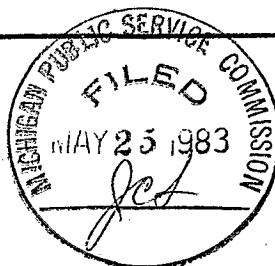
$M = A + (A - B)$ where
M = Modified fuel adjustment
A = Fuel adjustment without modification
B = Fuel adjustment without modification the previous month

4. Late Payment Charge:

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 31 calendar days from the date of physical mailing of the bill will be assessed.

CANCELLED BY
ORDER
JAN 13 1983
REMOVED BY *[Signature]*

Issued: April 1, 1983
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226



Effective on service rendered on
and after April 1, 1983, under
authority of Order of the Michigan
Public Service Commission dated
March 31, 1983, in Case U-6949.

Delete all of Section E and substitute the following:

E. RATE SCHEDULE - STEAM

1. Annual Contract Demand Charge:

The demand charge shall be \$6.18 per year per pound for the first 60000 pounds of steam per hour, as determined by the parties under the above provision of this contract in Article D, entitled "Contract Demand," and shall be payable in twelve (12) equal monthly installments. The demand charge shall be \$4.48 per pound for the excess pounds of steam per hour.

In the event the maximum monthly demand exceeds the established contract demand in the same month, Great Lakes Steel will be billed at the maximum demand amount for that month only. If the established contract demand is exceeded three times by the maximum demand, a new contract demand will be established at the level of the lowest demand exceeding the currently established contract demand. The new contract demand will remain in effect until it is again exceeded three times by the monthly maximum demand.

2. Energy Charge:

In addition to the "Demand Charge," there shall be an energy charge per 1,000 pounds of steam consumed of \$5.85 plus or minus the fuel adjustment.

3. Fuel Adjustment:

The fuel adjustment shall consist of an additional \$.001 per 1,000 pounds of steam consumed for each full \$.00065 increase in the cost of fuel above \$2.20 per million Btu or a reduction of \$.001 per 1,000 pounds of steam consumed for each full \$.00065 decrease in the cost of fuel below \$2.20 per million Btu. The price per million Btu during any month shall be the average cost to the Company of 1,000,000 Btu of fuel burned during the preceding month, at its River Rouge Power Plant, figured to the nearest one-thousandth of a cent. The cost of fuel shall include the cost of transportation to the Company's River Rouge Power Plant for such fuel, plus any excise or other tax placed upon the purchase or transportation of such fuel. Cost of unloading, reloading, storage and overhead charges are expressly excluded from the calculation of said cost of fuel.

The above fuel adjustment shall be increased or decreased by the amount per 1,000 pounds of steam equal to the difference between it and the adjustment determined in the same manner for the preceding billing month. Using the following formula, the modified fuel adjustment is:

$M = A + (A-B)$ where

M = Modified fuel adjustment

A = Fuel adjustment without modification

B = Fuel adjustment without modification the previous month

4. Late Payment Charge:

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.

CANCELLED BY
ORDER
JAN 13 1988
REMOVED BY: *JCS*

Issued: April 1, 1983
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226



Effective on service rendered on and after April 1, 1983, under authority of Order of the Michigan Public Service Commission dated March 31, 1983, in Case U-6949.

Delete all of Section E and substitute the following:

E. RATE SCHEDULE - STEAM

1. Annual Contract Demand Charge:

The demand charge shall be \$3.75 per year per pound for the first 200,000 pounds of steam per hour and \$2.00 per year per pound for the next 100,000 pounds of steam per hour, as determined by the parties under the above provision of this contract in Article D, entitled "Contract Demand," and shall be payable in twelve (12) equal monthly installments.

2. Energy Charge:

In addition to the "Demand Charge," there shall be an energy charge per 1,000 pounds of steam consumed of \$9.06 plus or minus the fuel adjustment.

3. Fuel Adjustment:

The fuel adjustment shall consist of an additional \$.001 per 1,000 pounds of steam consumed for each full \$.00055 increase in the cost of fuel above \$4.40 per million Btu or a reduction of \$.001 per 1,000 pounds of steam consumed for each full \$.00055 decrease in the cost of fuel below \$4.40 per million Btu. The price per million Btu during any month shall be the average cost to the Company of 1,000,000 Btu of fuel burned during the preceding month, at its Delray Power Plant, figured to the nearest one-thousandth of a cent. The cost of fuel shall include the cost of transportation to the Company's Delray Power Plant for such fuel, plus any excise or other tax placed upon the purchase or transportation of such fuel. Cost of unloading, reloading, storage and overhead charges are expressly excluded from the calculation.

The above fuel adjustment shall be increased or decreased by the amount per 1,000 pounds of steam equal to the difference between it and the adjustment determined in the same manner for the preceding billing month. Using the following formula, the modified fuel adjustment is:

$M = A + (A-B)$ where

M = Modified fuel adjustment

A = Fuel adjustment without modification

B = Fuel adjustment without modification the previous month

4. Late Payment Charge:

A one-time late payment charge of 1-1/2% 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 mailing of the next succeeding billing.

CANCELLED BY
ORDER 116949

MAR 31 1983

REMOVED BY AEA

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.

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



Delete all of Section E and substitute the following:

E. RATE SCHEDULE - STEAM

1. Annual Contract Demand Charge:

The annual contract demand charge shall be \$3.61 per year per pound for maximum available steam per hour, as determined by the parties under the above provision of this contract in Article D, entitled "Contract Demand," and shall be payable in twelve (12) equal monthly installments.

2. Commodity Charge:

In addition to the "Annual Contract Demand Charge," there shall be a commodity charge per 1,000 pounds of steam consumed of \$11.25 plus or minus the fuel adjustment.

3. Fuel Adjustment:

The fuel adjustment shall consist of an additional \$.001 per 1,000 pounds of steam consumed for each full \$.00044 increase in the cost of fuel above \$4.50 per million Btu or a reduction of \$.001 per 1,000 pounds of steam consumed for each full \$.00044 decrease in the cost of fuel below \$4.50 per million Btu. The price per million Btu during any month shall be the average cost to the Company of 1,000,000 Btu of fuel burned during the preceding month, at its Delray Power Plant, figured to the nearest one-thousandth of a cent. The cost of fuel shall include the cost of transportation to the Company's Delray Power Plant for such fuel, plus any excise or other tax placed upon the purchase or transportation of such fuel. Cost of unloading, reloading, storage and overhead charges are expressly excluded from the calculation of said cost of fuel.

The above fuel adjustment shall be increased or decreased by the amount per 1,000 pounds of steam equal to the difference between it and the adjustment determined in the same manner for the preceding billing month. Using the following formula, the modified fuel adjustment is:

$M = A + (A-B)$ where

M = Modified fuel adjustment

A = Fuel adjustment without modification

B = Fuel adjustment without modification the previous month

4. Late Payment Charge:

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.

CANCELLED BY
ORDER

*Contract
terminated*
OCT 6 - 1984

REMOVED BY *JES*

Issued: April 1, 1983
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226



Effective on service rendered on and after April 1, 1983, under authority of Order of the Michigan Public Service Commission dated March 31, 1983, in Case U-6949.

Delete all of Section E and substitute the following:

E. RATE SCHEDULE - STEAM

1. Annual Contract Demand Charge:

The annual contract demand charge shall be \$3.17 per year per pound for maximum available steam per hour, as determined by the parties under the above provision of this contract in Article D, entitled "Contract Demand," and shall be payable in twelve (12) equal monthly installments.

2. Commodity Charge:

In addition to the "Annual Contract Demand Charge," there shall be a commodity charge per 1,000 pounds of steam consumed of \$8.33 plus or minus the fuel adjustment.

3. Fuel Adjustment:

The fuel adjustment shall consist of an additional \$.001 per 1,000 pounds of steam consumed for each full \$.00060 increase in the cost of fuel above \$4.40 per million Btu or a reduction of \$.001 per 1,000 pounds of steam consumed for each full \$.00060 decrease in the cost of fuel below \$4.40 per million Btu. The price per million Btu during any month shall be the average cost to the Company of 1,000,000 Btu of fuel burned during the preceding month, at its Delray Power Plant, figured to the nearest one-thousandth of a cent. The cost of fuel shall include the cost of transportation to the Company's Delray Power Plant for such fuel, plus any excise or other tax placed upon the purchase or transportation of such fuel. Cost of unloading, reloading, storage and overhead charges are expressly excluded from the calculation of said cost of fuel.

The above fuel adjustment shall be increased or decreased by the amount per 1,000 pounds of steam equal to the difference between it and the adjustment determined in the same manner for the preceding billing month. Using the following formula, the modified fuel adjustment is:

$$M = A + (A-B) \text{ where}$$

M = Modified fuel adjustment

A = Fuel adjustment without modification

B = Fuel adjustment without modification the previous month

4. Late Payment Charge:

A one-time late payment charge of 1-1/2% 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.

CANCELLED BY
ORDER 46949

MAR 31 1983
198

REMOVED BY

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.

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



Delete all of Section E and substitute the following:

E. RATE SCHEDULE - STEAM

1. Yearly Contract Demand Charge:

The demand charge shall be \$4.58 per year per pound of maximum available steam per hour, as determined by the parties under the above provision of this contract entitled "Contract Demand," and shall be payable in twelve (12) equal monthly installments.

2. Energy Charge:

In addition to the "Demand Charge," there shall be an energy charge per 1,000 pounds of steam consumed of \$4.47 plus or minus the fuel adjustment.

3. Fuel Adjustment:

The fuel adjustment shall consist of an additional \$.001 per 1,000 pounds of steam consumed for each full \$.00064 increase in the cost of fuel above \$2.30 per million Btu or a reduction of \$.001 per 1,000 pounds of steam consumed for each full \$.00064 decrease in the cost of fuel below \$2.30 per million Btu's. The price per million Btu during any month shall be the average cost to the Company of 1,000,000 Btu of fuel burned during the preceding month, at its Marysville Power Plant, figured to the nearest one-thousandth of a cent. The cost of fuel shall include the cost of transportation to the Company's Marysville Power Plant for such fuel, plus any excise or other tax placed upon the purchase or transportation of such fuel. Cost of unloading, reloading, storage and overhead charges are expressly excluded from the calculation of said cost of fuel.

The above fuel adjustment shall be increased or decreased by the amount per 1,000 pounds of steam equal to the difference between it and the adjustment determined in the same manner for the preceding billing month. Using the following formula, the modified fuel adjustment is:

$M = A + (A-B)$ where

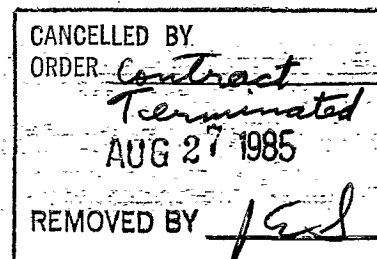
M = Modified fuel adjustment

A = Fuel adjustment without modification

B = Fuel adjustment without modification the previous month

4. Late Payment Charge:

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.



Issued: April 1, 1983
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226



Effective on service rendered on and after April 1, 1983, under authority of Order of the Michigan Public Service Commission dated March 31, 1983, in Case U-6949.

Delete all of Section E and substitute the following:

E. RATE SCHEDULE - STEAM

1. Yearly Contract Demand Charge:

The demand charge shall be \$4.12 per year per pound of maximum available steam per hour, as determined by the parties under the above provision of this contract entitled "Contract Demand," and shall be payable in twelve (12) equal monthly installments.

2. Energy Charge:

In addition to the "Demand Charge," there shall be an energy charge per 1,000 pounds of steam consumed of \$3.96 plus or minus the fuel adjustment.

3. Fuel Adjustment:

The fuel adjustment shall consist of an additional \$.001 per 1,000 pounds of steam consumed for each full \$.00065 increase in the cost of fuel above \$2.00 per million Btu or a reduction of \$.001 per 1,000 pounds of steam consumed for each full \$.00065 decrease in the cost of fuel below \$2.00 per million Btu's. The price per million Btu during any month shall be the average cost to the Company of 1,000,000 Btu of fuel burned during the preceding month, at its Marysville Power Plant, figured to the nearest one-thousandth of a cent. The cost of fuel shall include the cost of transportation to the Company's Marysville Power Plant for such fuel, plus any excise or other tax placed upon the purchase or transportation of such fuel. Cost of unloading, reloading, storage and overhead charges are expressly excluded from the calculation of said cost of fuel.

The above fuel adjustment shall be increased or decreased by the amount per 1,000 pounds of steam equal to the difference between it and the adjustment determined in the same manner for the preceding billing month. Using the following formula, the modified fuel adjustment is:

$M = A + (A - B)$ where

M = Modified fuel adjustment

A = Fuel adjustment without modification

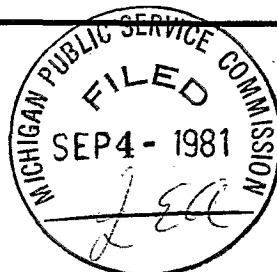
B = Fuel adjustment without modification the previous month

4. Late Payment Charge:

A one-time late payment charge of 1-1/2% 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.

CANCELLED BY
ORDER 66949
MAR 31 1983
REMOVED BY JEA

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.

THE DETROIT EDISON COMPANY

Case No. U-6949

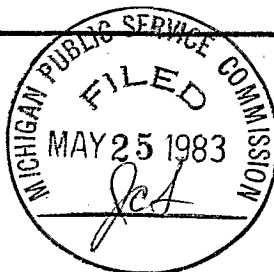
INDUSTRIAL POWER PLANT RATES

Port Huron Paper Company
Steam Rates
Electric Rates

Pennwalt Corporation
Steam Rates
Electric Rates
Compressed Air Rates

CANCELLED BY
ORDER *Contract*
5 terminated
AUG 27 1985
REMOVED BY *J Ed*

Issued: April 1, 1983
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226



Effective on service rendered on and after April 1, 1983, under authority of Order of the Michigan Public Service Commission dated March 31, 1983, in Case U-6949.

THE DETROIT EDISON COMPANY

Case No. U-6488

INDUSTRIAL POWER PLANT RATES

Port Huron Paper Company
Steam Rates
Electric Rates

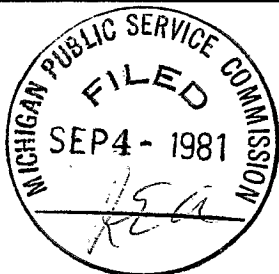
Pennwalt Corporation
Steam Rates
Electric Rates
Compressed Air Rates

CANCELLED BY
ORDER U 6949

MAR 31 1983

REMOVED BY SEA

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.

THE DETROIT EDISON COMPANY

PENNWALT CORPORATION

COMPRESSED AIR RATES

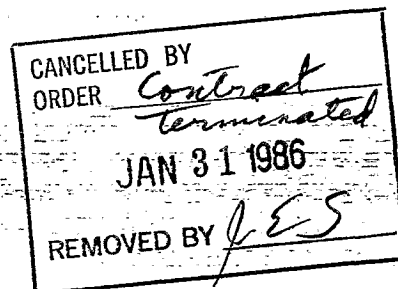
Section A of Service Agreement

Delete Section A and substitute the following:

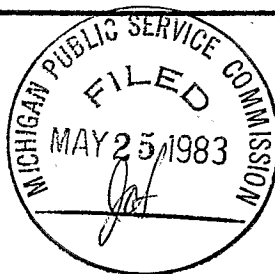
A. Compressed Air Supply

The Company will supply compressed air service from the four (4) existing air compressors at 100 psig at no charge.

The Company will provide additional firm capacity upon due notice from the customer.



Issued: April 1, 1983
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226



Effective on service rendered on and after April 1, 1983, under authority of Order of the Michigan Public Service Commission dated March 31, 1983, in Case U-6949.

THE DETROIT EDISON COMPANY

PORT HURON PAPER COMPANY

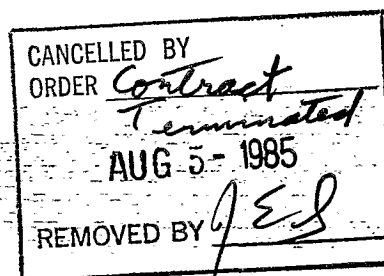
ELECTRIC RATES

Section G of Steam Electric Supply Agreement
(Paragraphs 3, 4 and 5)

3. Demand, Energy, Fuel Adjustment Clause and Purchased Power Adjustment Clause charges for electric energy purchased from The Detroit Edison Company system will be at a standard filed electric rate for which Port Huron qualifies and elects to use.

Electric energy produced from the Port Huron Power Plant will be provided at no charge.

Paragraphs 4 and 5 are now incorporated in paragraph 3.



Issued: April 1, 1983
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226



Effective on service rendered on and after April 1, 1983, under authority of Order of the Michigan Public Service Commission dated March 31, 1983, in Case U-6949.

THE DETROIT EDISON COMPANY

PORT HURON PAPER COMPANY

ELECTRIC RATES

Section G of Steam Electric Supply Agreement
(Paragraphs 3, 4 and 5)

3. Demand, Energy, Fuel Adjustment Clause and Purchased Power Adjustment Clause charges for electric energy purchased from The Detroit Edison Company system will be at a standard filed electric rate for which Port Huron qualifies and elects to use.

Electric energy produced from the Port Huron Power Plant will be provided at no charge.

Paragraphs 4 and 5 are now incorporated in paragraph 3.

CANCELLED BY
ORDER 116949
MAR 31 1983
REMOVED BY SEA

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.

THE DETROIT EDISON COMPANY

PORT HURON PAPER COMPANY

STEAM RATES

Section F of Steam Electric Supply Agreement
(Paragraphs 4, 5 and 6)

4. Steam Facilities Charge:

The Steam Facilities Charge (including the Demand Charge) shall be \$14.64 per year per pound for the contract capacity (150,000 pounds of steam per hour) as established in paragraph 1 of Article F and shall be payable in twelve (12) equal monthly installments.

5. Commodity Charge:

In addition to the monthly installment on the Steam Facilities Charge, all consumption shall be charged at \$4.03 per 1,000 pounds of steam consumed.

6. Fuel Adjustment:

The fuel adjustment applicable to all steam sold shall consist of an additional \$.001 per 1,000 pounds of steam sold for each full \$.001 increase in the cost of fuel above \$2.90 per 1,000 pounds of steam sold or a reduction of \$.001 per 1,000 pounds of steam sold for each full \$.001 decrease in the cost of fuel below \$2.90 per 1,000 pounds of steam sold.

The fuel cost per 1,000 pounds of steam during any month shall be the cost of fuel burned by the Company to sell 1,000 pounds of steam during the preceding month at its Port Huron Plant, figured to the nearest one-thousandth of a dollar. The cost of fuel shall include the cost of transportation to the Company's Port Huron Plant for such fuel, plus any excise or other tax placed upon the purchase or transportation of such fuel. Cost of unloading, reloading, storage and overhead charges are expressly excluded from the calculation of said cost of fuel.

The above fuel adjustment shall be increased or decreased by the amount per 1,000 pounds of steam equal to the difference between it and the adjustment determined in the same manner for the preceding billing month. Using the following formula, the modified fuel adjustment is:

$M = A + (A-B)$ where

M = Modified fuel adjustment

A = Fuel adjustment without modification

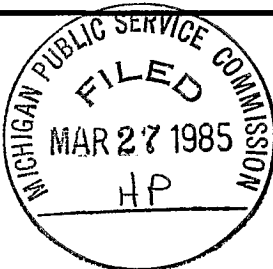
B = Fuel adjustment without modification the previous month

7. Late Payment Charge:

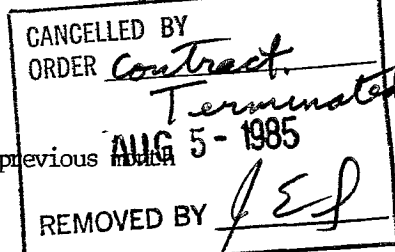
A one-time late payment charge of 2% upon the unpaid balance of any bill rendered for energy use or other approved rates and tariffs outstanding beyond 21 calendar days from the date of physical mailing of the bill will be assessed.

S/M.10

Issued: March 18, 1985
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226



Effective on service rendered on and after April 1, 1985, under authority of Order of the Michigan Public Service Commission dated January 23, 1985, in Case U-7960



THE DETROIT EDISON COMPANY

PORT HURON PAPER COMPANY

STEAM RATES

Section F of Steam Electric Supply Agreement
(Paragraph 4, 5 and 6)

4. Steam Facilities Charge:

The Steam Facilities Charge (including the Demand Charge) shall be \$14.67 per year per pound for the contract capacity (150,000 pounds of steam per hour) as established in paragraph 1 of Article F and shall be payable in twelve (12) equal monthly installments.

5. Commodity Charge:

In addition to the monthly installment on the Steam Facilities Charge, all consumption shall be charged at \$5.13 per 1,000 pounds of steam consumed.

6. Fuel Adjustment:

The fuel adjustment applicable to all steam sold shall consist of an additional \$.001 per 1,000 pounds of steam sold for each full \$.001 increase in the cost of fuel above \$4.10 per 1,000 pounds of steam sold or a reduction of \$.001 per 1,000 pounds of steam sold for each full \$.001 decrease in the cost of fuel below \$4.10 per 1,000 pounds of steam sold.

The fuel cost per 1,000 pounds of steam during any month shall be the cost of fuel burned by the Company to sell 1,000 pounds of steam during the preceding month at its Port Huron Plant, figured to the nearest one-thousandth of a dollar. The cost of fuel shall include the cost of transportation to the Company's Port Huron Plant for such fuel, plus any excise or other tax placed upon the purchase or transportation of such fuel. Cost of unloading, reloading, storage and overhead charges are expressly excluded from the calculation of said cost of fuel.

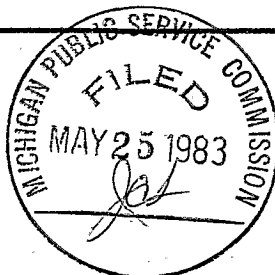
The above fuel adjustment shall be increased or decreased by the amount per 1,000 pounds of steam equal to the difference between it and the adjustment determined in the same manner for the preceding billing month. Using the following formula, the modified fuel adjustment is:

$M = A + (A-B)$ Where
M = Modified fuel adjustment
A = Fuel adjustment without modification
B = Fuel adjustment without modification
the previous month

7. Late Payment Charge:

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.

Issued: April 1, 1983
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226



Effective on service rendered on and after April 1, 1983, under authority of Order of the Michigan Public Service Commission dated March 31, 1983, in Case U-6949.

*Cancelled
Commission Order U-7760
dated Nov. 23, 1985*

THE DETROIT EDISON COMPANY

PORT HURON PAPER COMPANY

STEAM RATES

Section F of Steam Electric Supply Agreement
(Paragraph 4, 5 and 6)

4. Steam Facilities Charge:

The Steam Facilities Charge (including the Demand Charge) shall be \$9.98 per year per pound for the contract capacity as established in paragraph 1 of Article F and shall be payable in twelve (12) equal monthly installments.

5. Commodity Charge:

In addition to the monthly installment on the Steam Facilities Charge, all consumption shall be charged at \$4.71 per 1,000 pounds of steam consumed.

6. Fuel Adjustment:

The fuel adjustment applicable to all steam sold shall consist of an additional \$.001 per 1,000 pounds of steam sold for each full \$.001 increase in the cost of fuel above \$4.00 per 1,000 pounds of steam sold or a reduction of \$.001 per 1,000 pounds of steam sold for each full \$.001 decrease in the cost of fuel below \$4.00 per 1,000 pounds of steam sold.

The fuel cost per 1,000 pounds of steam during any month shall be the cost of fuel burned by the Company to sell 1,000 pounds of steam during the preceding month at its Port Huron Plant, figured to the nearest one-thousandth of a dollar. The cost of fuel shall include the cost of transportation to the Company's Port Huron Plant for such fuel, plus any excise or other tax placed upon the purchase or transportation of such fuel. Cost of unloading, reloading, storage and overhead charges are expressly excluded from the calculation of said cost of fuel.

The above fuel adjustment shall be increased or decreased by the amount per 1,000 pounds of steam equal to the difference between it and the adjustment determined in the same manner for the preceding billing month. Using the following formula, the modified fuel adjustment is:

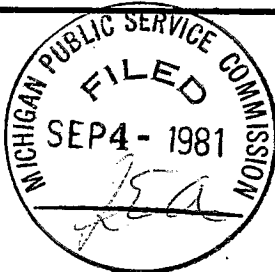
$M = A + (A-B)$ Where
M = Modified fuel adjustment
A = Fuel adjustment without modification
B = Fuel adjustment without modification
the previous month

CANCELLED BY
ORDER 116949

MAR 31 1983

REMOVED BY JGA

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.

THE DETROIT EDISON COMPANY

PENNWALT CORPORATION

COMPRESSED AIR RATES

Section A of Service Agreement

Delete Section A and substitute the following:

A. Compressed Air Supply

The Company will supply compressed air service from the four (4) existing air compressors at 100 psig at no charge.

The Company will provide additional firm capacity upon due notice from the customer.

CANCELLED BY

ORDER 66949

MAR 31 1983

REMOVED BY FEA

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



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THE DETROIT EDISON COMPANY

PENNWALT CORPORATION

ELECTRIC RATES

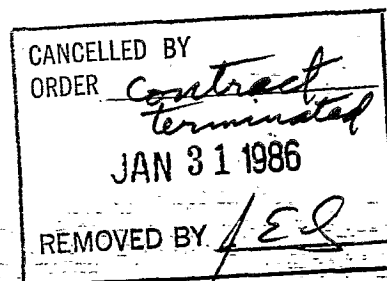
Section G of Steam Electric Supply Agreement
(Paragraphs 3, 4 and 5)

Delete paragraph 3 of Section G and substitute the following:

3. Demand, Energy, Fuel Adjustment Clause and Purchased Power Adjustment Clause charges for electric energy purchased from The Detroit Edison Company system will be at a standard filed electric rate for which Pennwalt qualifies and elects to use.

Electric energy produced from the Pennwalt Power Plant will be provided at no charge.

Paragraphs 4 and 5 are now incorporated in paragraph 3.



Issued: April 1, 1983
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226



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THE DETROIT EDISON COMPANY

PENNWALT CORPORATION

ELECTRIC RATES

Section G of Steam Electric Supply Agreement
(Paragraphs 3, 4 and 5)

Delete paragraph 3 of Section G and substitute the following:

3. Demand, Energy, Fuel Adjustment Clause and Purchased Power Adjustment Clause charges for electric energy purchased from The Detroit Edison Company system will be at a standard filed electric rate for which Pennwalt qualifies and elects to use.

Electric energy produced from the Pennwalt Power Plant will be provided at no charge.

Paragraphs 4 and 5 are now incorporated in paragraph 3.

CANCELLED BY

ORDER 66949

MAR 31 1983

REMOVED BY ASA

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



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July 21, 1981 in Case U-6488.

THE DETROIT EDISON COMPANY

PENNWALT CORPORATION

STEAM RATES

Section F of Steam Electric Supply Agreement
(Paragraphs 4, 5 and 6)

4. Steam Facilities Charge:

The Steam Facilities Charge (including the Demand Charge) shall be \$15.84 per year per pound for the contract capacity as established in paragraph 1 of Article F and shall be payable in twelve (12) equal monthly installments.

5. Commodity Charge:

In addition to the monthly installment on the Steam Facilities Charge, all consumption shall be charged at \$7.01 per 1,000 pounds of steam for the first 75,000,000 pounds of steam per month plus \$5.71 per 1,000 pounds of steam for all steam consumed in excess of the first 75,000,000 pounds per month.

6. Fuel Adjustment:

The fuel adjustment applicable to all steam sold shall consist of an additional \$.001 per 1,000 pounds of steam sold for each full \$.001 increase in the cost of fuel above \$4.25 per 1,000 pounds of steam sold or a reduction of \$.001 per 1,000 pounds of steam sold for each full \$.001 decrease in the cost of fuel below \$4.25 per 1,000 pounds of steam sold.

The fuel cost per 1,000 pounds of steam during any month shall be the cost of fuel burned by the Company to sell 1,000 pounds of steam during the preceding month at its Pennwalt Power Plant, figured to the nearest one-thousandth of a dollar. The cost of fuel shall include the cost of transportation to the Company's Pennwalt Power Plant for such fuel, plus an excise or other tax placed upon the purchase or transportation of such fuel. Cost of unloading, reloading, storage and overhead charges are expressly excluded from the calculation of said cost of fuel.

The above fuel adjustment shall be increased or decreased by the amount per 1,000 pounds of steam equal to the difference between it and the adjustment determined in the same manner for the preceding billing month. Using the following formula, the modified fuel adjustment is:

$M = A + (A-B)$ where
M = Modified fuel adjustment
A = Fuel adjustment without modification
B = Fuel adjustment without modification the previous month

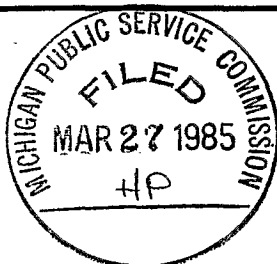
7. Late Payment Charge:

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.

CANCELLED BY
ORDER *Contract terminated*
JAN 31 1986
REMOVED BY *JES*

S/M.12

Issued: March 18, 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 1, 1985, under authority of Order of the Michigan Public Service Commission dated January 23, 1985, in Case U-7959

THE DETROIT EDISON COMPANY

PENNWALT CORPORATION

STEAM RATES

Section F of Steam Electric Supply Agreement
(Paragraphs 4, 5 and 6)

4. Steam Facilities Charge:

The Steam Facilities Charge (including the Demand Charge) shall be \$12.18 per year per pound for the contract capacity as established in paragraph 1 of Article F and shall be payable in twelve (12) equal monthly installments.

5. Commodity Charge:

In addition to the monthly installment on the Steam Facilities Charge, all consumption shall be charged at \$7.66 per 1,000 pounds of steam consumed.

6. Fuel Adjustment:

The fuel adjustment applicable to all steam sold shall consist of an additional \$.001 per 1,000 pounds of steam sold for each full \$.001 increase in the cost of fuel above \$6.20 per 1,000 pounds of steam sold or a reduction of \$.001 per 1,000 pounds of steam sold for each full \$.001 decrease in the cost of fuel below \$6.20 per 1,000 pounds of steam sold.

The fuel cost per 1,000 pounds of steam during any month shall be the cost of fuel burned by the Company to sell 1,000 pounds of steam during the preceding month at its Pennwalt Power Plant, figured to the nearest one-thousandth of a dollar. The cost of fuel shall include the cost of transportation to the Company's Pennwalt Power Plant for such fuel, plus any excise or other tax placed upon the purchase or transportation of such fuel. Cost of unloading, reloading, storage and overhead charges are expressly excluded from the calculation of said cost of fuel.

The above fuel adjustment shall be increased or decreased by the amount per 1,000 pounds of steam equal to the difference between it and the adjustment determined in the same manner for the preceding billing month. Using the following formula, the modified fuel adjustment is:

$M = A + (A - B)$ Where
M = Modified fuel adjustment
A = Fuel adjustment without modification
B = Fuel adjustment without modification
the previous month

7. Late Payment Charge:

A one-time late payment charge of 2% upon the unpaid balance of any bill rendered for energy use of other approved rates and tariffs outstanding beyond 21 calendar days from the date of physical mailing of the bill will be assessed.

CANCELLED BY
ORDER 47959
July 1, 1985
~~MAR 18 1985~~
REMOVED BY JL

Issued: April 1, 1983
By: E. L. Grove, Jr.
Vice Chairman of the Board
2000 Second Avenue
Detroit, Michigan 48226



Effective on service rendered on and after April 1, 1983, under authority of Order of the Michigan Public Service Commission dated March 31, 1983, in Case U-6949.

THE DETROIT EDISON COMPANY

PENNWALT CORPORATION

STEAM RATES

Section F of Steam Electric Supply Agreement
(Paragraphs 4, 5 and 6)

4. Steam Facilities Charge:

The Steam Facilities Charge (including the Demand Charge) shall be \$11.20 per year per pound for the contract capacity as established in paragraph 1 of Article F and shall be payable in twelve (12) equal monthly installments.

5. Commodity Charge:

In addition to the monthly installment on the Steam Facilities Charge, all consumption shall be charged at \$5.96 per 1,000 pounds of steam consumed.

6. Fuel Adjustment:

The fuel adjustment applicable to all steam sold shall consist of an additional \$.001 per 1,000 pounds of steam sold for each full \$.001 increase in the cost of fuel above \$4.80 per 1,000 pounds of steam sold or a reduction of \$.001 per 1,000 pounds of steam sold for each full \$.001 decrease in the cost of fuel below \$4.80 per 1,000 pounds of steam sold.

The fuel cost per 1,000 pounds of steam during any month shall be the cost of fuel burned by the Company to sell 1,000 pounds of steam during the preceding month at its Pennwalt Power Plant, figured to the nearest one-thousandth of a dollar. The cost of fuel shall include the cost of transportation to the Company's Pennwalt Power Plant for such fuel, plus any excise or other tax placed upon the purchase or transportation of such fuel. Cost of unloading, reloading, storage and overhead charges are expressly excluded from the calculation of said cost of fuel.

The above fuel adjustment shall be increased or decreased by the amount per 1,000 pounds of steam equal to the difference between it and the adjustment determined in the same manner for the preceding billing month. Using the following formula, the modified fuel adjustment is:

$M = A + (A - B)$ Where
M = Modified fuel adjustment
A = Fuel adjustment without modification
B = Fuel adjustment without modification
the previous month

CANCELLED BY
ORDER 46949
MAR 31 1983
REMOVED BY FEA

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.

DETERMINATION OF MISCELLANEOUS STEAM INDEX

The amount of the indexing system adjustment for each miscellaneous electric steam customer should be determined in the regular December indexing system hearings. The amount of the indexing system adjustment for each such plant shall be determined and assessed as followed for each customer:

- (1) Determine the percentage change in the "All Items, Wage Earners and Clerical Workers Consumer Price Index" between September of the base year and September of the hearing year. The percentage will be determined at the December hearing.
- (2) The monthly allowable charge shall be in two parts: a constant charge applicable to the contract demand (lbs./hour) and a variable charge applicable to the commodity (Mlbs.).

The monthly constant charge shall be one-twelfth of the base "Other O & M" less base demineralizer expense times the percentage change in the above index.

$$\text{Monthly Constant Charge} = \frac{1}{12} \left(\frac{\text{Base "Other O \& M" Expense} - \text{Base Demineralizer Expense}}{\text{Contract Capacity}} \right) \% \text{ Change in Index}$$

The monthly variable charge shall be the percentage change of the index times the base demineralizer expense divided by the base sales.

$$\text{Monthly Variable Charge} = \left(\frac{\text{Base Demineralizer Expense}}{\text{Base Sales}} \right) \% \text{ Change in Index}$$

Specifically, the charges for each customer are as follows:

CANCELLED BY
ORDER U-6949

MAR 31, 1983

REMOVED BY JES

Issued: July 21, 1981
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2000 Second Avenue
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July 21, 1981 in Case U-6488.



DETERMINATION OF MISCELLANEOUS STREAM INDEX

	Monthly Constant Charge \$/Lbs./Hr.	x % Change In Index	Monthly Variable Charge \$/Mlb.	x % Change In Index
Morton Salt Company	= $\frac{1}{12}$ $\frac{\$351,000 - \$142,000}{130,000 \text{ Lbs./Hr.}}$	x % Change In Index	($\frac{\$142,000}{940,000 \text{ Mlbs.}}$)	x % Change In Index
Detroit Coke Corporation	= $\frac{1}{12}$ $\frac{\$171,000 - \$115,000}{100,000 \text{ Lbs./Hr.}}$	x % Change In Index	($\frac{\$115,000}{630,000 \text{ Mlbs.}}$)	x % Change In Index
Great Lakes Steel Division (Delray)	= $\frac{1}{12}$ $\frac{\$532,000 - \$350,000}{300,000 \text{ Lbs./Hr.}}$	x % Change In Index	($\frac{\$350,000}{1,900,000 \text{ Mlbs.}}$)	x % Change In Index
Great Lakes Steel Division (River Rouge)	= $\frac{1}{12}$ $\frac{\$165,000 - \$125,000}{80,000 \text{ Lbs./Hr.}}$	x % Change In Index	($\frac{\$125,000}{215,000 \text{ Mlbs.}}$)	x % Change In Index
Monsanto Company	= $\frac{1}{12}$ $\frac{\$294,000 - \$125,000}{220,000 \text{ Lbs./Hr.}}$	x % Change In Index	($\frac{\$125,000}{1,150,000 \text{ Mlbs.}}$)	x % Change In Index
Jefferson Line	= $\frac{1}{12}$ $\frac{\$187,000 - \$66,000}{182,000 \text{ Lbs./Hr.}}$	x % Change In Index	($\frac{\$66,000}{333,000 \text{ Mlbs.}}$)	x % Change In Index

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MAR 31, 1983
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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.

Industrial Power Plants - Indexing System Adjustment:

For the purpose of calculating and assessing the indexing system adjustment applicable to industrial power plant customers, individual plant "Other O & M" expense data should be used as a base, and a monthly dollar surcharge, determined on an annual basis multiplying the base times the percentage increase in the CPI, should be assessed.

Specifically, the indexing system base amount for each industrial power plant should be each plant's "Other O & M" expenses, defined as O & M expense less fuel and production maintenance expense. The following is the base amounts as ordered on July 23, 1981 in Case No. U-6488.

INDEXING SYSTEM BASE AMOUNTS
INDUSTRIAL POWER PLANTS

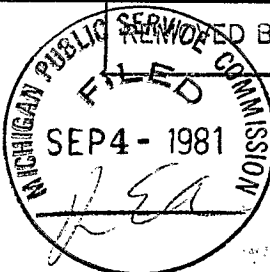
<u>PLANT</u>	<u>BASE AMOUNT</u>
Port Huron Paper Company	\$ 708,145
Pennwalt Corporation	\$1,852,072

The amount of the indexing system adjustment for each industrial power plant should be determined in the regular December indexing system hearings. The amount of the indexing system adjustment for each such plant should be determined and assessed as follows:

- (1) Determine the percentage change in the all-commodities National Consumer Price Index between September 1 of the year prior to December hearing year and September 1 of the hearing year. The percentage will be determined at the December hearing.
- (2) Calculate the annual allowable change in "Other O & M" expense by multiplying the base amount times the percentage change in the all-commodities National CPI as determined in step (1). The base amount plus the allowable change will be the new base amount for the next hearing, not the actual "Other O & M" expense which applicant may have. For the purpose of rate cases, the base amount plus total allowable changes will become a new base amount and will be included as such in the rates.
- (3) Calculate the monthly allowable change by dividing the annual allowable change determined in step (2) by 12. In December indexing hearings subsequent to the first such hearing after a rate case, the new monthly allowable change should be added to previous monthly allowable changes to determine a total allowable change, until a new base amount is set in a rate case.
- (4) The total monthly allowable change determined in step (3) should be applied to monthly customers' bills for each plant for 12 months starting with the February billing month following the December hearing.

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MAR 31, 1983

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