

WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

Revision 2 Sheet 37
Amendment No. 708
Rate Schedule Cg 2

Effective In All Areas Served In Wisconsin

GENERAL SECONDARY SERVICE -- DEMAND

AVAILABILITY

This rate is mandatory for customers contracting for secondary electric service for one year or more for general commercial, industrial or governmental purposes, and whose energy consumption is equal to or greater than 10,000 kWh a month for any 3 months out of a 12 month period. R

Customers who meet the availability criteria of the Cg 2 rate, who were previously served under rate schedule Cg 3, who qualify to be removed from the Cg 3 rate, will be mandated to the Cg 2 rate immediately.

- (a) A customer whose latest 12 months total consumption drops below 100,000 kilowatt hours and who has not had more than one month's usage in excess of 10,000 kilowatt hours will be removed from the Cg2 rate and will be required to take service under the regular general secondary rate available in the area for which they qualify, and will remain on that rate so long as that customer's consumption does not exceed 10,000 kilowatt hours per month for any 3 out of 12 months.
- (b) Generally a new customer or existing customer will not be billed on this rate until after there have been 3 months' usage during a 12 month period in excess 10,000 kilowatt. The customer must remain on this rate classification for 12 months before becoming eligible to request a transfer to a different general secondary rate as outlined in above.

(Continued to Sheet No. 38)

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WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

Revision 8 Sheet 38
Amendment No. 738
Rate Schedule Cg 2

Effective In All Areas Served In Wisconsin

GENERAL SECONDARY SERVICE -- DEMAND

(Continued from Sheet No. 37)

RATE

Facilities Charge, including one meter \$1.52877 per day

Demand Charge

Per kW of measured on-peak demand \$5.677

For monthly on-peak hours of less than 100, the monthly demand charge of \$5.677 per kW will be reduced by \$.03406 times the difference between the 100 and the monthly on-peak hours of use. Monthly on-peak hours of use is the on-peak energy usage divided by the measured on-peak demand.

In the case of customers who have received an embedded credit, the minimum demand charge shall be established by contract.

For Determination of Demand, see Sheet No. 43.

Energy Charge, per kWh

Customers may select either OPTION A energy rates or OPTION B energy rates. Customers must remain on the selected option for 12 months.

OPTION A

All kWh \$.10007

OPTION B

On-peak Energy (a) \$.11402

Off-peak Energy (b) \$.08777

(a) Secondary on-peak energy usage is the energy in kilowatt-hours delivered between 9:00 a.m. and 9:00 p.m., prevailing time, Monday through Friday, excluding those days designated as legal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

(b) Secondary off-peak energy usage is the energy in kilowatt hours delivered during all hours other than on-peak hours.

D

(Continued to Sheet No. 39)

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WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

Revision 3 Sheet 39
Amendment No. 738
Rate Schedule Cg 2

Effective In All Areas Served In Wisconsin

GENERAL SECONDARY SERVICE -- DEMAND

(Continued from Sheet No. 38)

Adjustment for Cost of Fuel

See Sheet Nos. 19 and 20.

Meter Charge

The monthly meter charge for each meter in excess of one shall be \$.13151 per day.

Minimum Charge

The monthly minimum charge shall be the facilities charge plus meter charge plus the minimum on-peak demand charge which may be stated in a contract. Auxiliary service shall be as provided in Paragraph 8, Conditions of Delivery.

Late Payment Charge

A one percent (1%) per month payment charge will be applied to outstanding charges past due.

CONDITIONS OF DELIVERY

See Sheet Nos. 62 through 65.

WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

Revision 2 Sheet 40
Amendment No. 708
Rate Schedule Cg 3

Effective In All Areas Served In Wisconsin

GENERAL SECONDARY SERVICE – DEMAND/TIME-OF-USE

AVAILABILITY

This is a mandatory rate for customers contracting for secondary electric service for one year or more for general commercial, industrial or governmental purposes, and whose energy consumption is equal to or greater than 30,000 kWh a month for any 3 months out of 12 month period. Also available, on a voluntary basis for a period of one year or more, to a limited number of secondary customers who utilize renewable energy systems (wood excepted), energy storage systems requiring electric energy as the supplemental or sole source, or those who generate electricity in excess of their own needs. (a)(b) R

- (a) A customer whose latest 12 months total consumption drops below 300,000 kilowatt hours and who has not had more than one month's usage in excess of 30,000 kilowatt hours will be removed from the Cg3 rate and will be required to take service under the general secondary rate available in the area for which they qualify, and will remain on that rate so long as that customer's consumption does not exceed 30,000 kilowatt hours per month for any 3 out of 12 months.
- (b) Generally a new customer or existing customer will not be billed on this rate until after there have been 3 months' usage in excess of 30,000 kilowatt hours during a 12 month period. The customer must remain on this rate classification for 12 months before becoming eligible to request a transfer to a different general secondary rate as outlined in (a) above.

RATE

Facilities Charge, including one meter \$1.52877 per day

(Continued to Sheet No. 41)

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WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

Revision 8 Sheet 41

Amendment No. 738

Effective In All Areas Served In Wisconsin

Rate Schedule Cg 3

GENERAL SECONDARY SERVICE -- DEMAND/TIME-OF-USE

(Continued from Sheet No. 40)

Demand Charges

On-Peak Demand

Per kW of measured on-peak demand \$11.354

For monthly on-peak hours of use less than 100, the monthly on-peak demand charge of \$11.354 per kW will be reduced by \$.06812 times the difference between 100 and the monthly on-peak hours of use. Monthly on-peak hours of use is the on-peak energy usage divided by the measured on-peak demand.

In the case of customers who have received an embedded credit, the minimum on-peak demand charge shall be established by contract.

Customer Maximum Demand

Per kW of measured demand \$1.75700

For Determination of Demand, see Sheet No. 43

Energy Charge, per kWh

On-Peak Energy (a) \$.07686

Off-Peak Energy (b) \$.05600

(a) General Secondary on-peak energy usage is the energy in kilowatt hours delivered between 9:00 a.m. and 9:00 p.m., prevailing time, Monday through Friday, excluding those days designated as legal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

(b) General Secondary off-peak energy usage is the energy in kilowatt hours delivered during all hours other than on-peak hours.

Adjustment for Cost of Fuel

See Sheet Nos. 19 and 20

(Continued to Sheet No. 42)

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D

WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

Revision 2 Sheet 42

Amendment No. 729

Effective In All Areas Served In Wisconsin

Rate Schedule Cg 3

GENERAL SECONDARY SERVICE -- DEMAND/TIME-OF-USE

(Continued from Sheet No. 41)

Meter Charge

The monthly meter charge for each meter in excess of one shall be \$.13151 per day.

Minimum Charge

The monthly minimum charge shall be the facilities charge plus meter charge plus the minimum on-peak demand charge which may be stated in a contract plus the customer maximum demand charge. Auxiliary service shall be provided in Paragraph 8, Conditions of Delivery.

R

Late Payment Charge

A one percent (1%) per month late payment charge will be applied to outstanding charges past due.

CONDITIONS OF DELIVERY

See Sheet Nos. 62 through 65.

(Continued to Sheet No. 43)

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WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

Revision 0 Sheet 43

Amendment No. 652

Effective In All Areas Served In Wisconsin

Rate Schedules Cg 2 and Cg 3

GENERAL SECONDARY SERVICE -- DEMAND/TIME-OF-USE

DETERMINATION OF DEMANDS

- (1) Measured demand shall be the average rate at which energy is used for any period of 15 consecutive minutes as ascertained by a watt hour meter and an associated electronic recorder or other standard measuring device.
- (2) Measured on-peak demand shall be the maximum measured demand established during on-peak hours within the billing period. Unless specified to the contrary in writing by six months prior written notice to the customer, provided the on-peak period does not exceed twelve hours per day, on-peak hours shall be from 9:00 a.m. to 9:00 p.m., prevailing time, Monday through Friday, excluding those days designated as legal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.
- (3) Customer maximum demand shall be the maximum measured demand, not adjusted for power factor, which occurs during either the on or off-peak period, in the current or preceding 11 billing periods.

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WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

Effective In All Areas Served In Wisconsin

Revision 0 Sheet 62

Amendment No. 652

Rate Schedules Cg 1, Cg 2,
Cg 3, Cg 6

GENERAL SECONDARY SERVICE

CONDITIONS OF DELIVERY

- (1) The Company will generally furnish single-phase or three-phase 60 hertz service at 480 volts or less as available, in accordance with the sections of the Electric Service Rules and Regulations of the Company governing character of service and utilization. At the customer's request the Company may at its option furnish 120/240 volt, single-phase service for combined lighting and power subject to power regulation.
- (2) When lighting service is furnished through one meter and power service through another, the registrations of the two meters will be added for billing purposes if the meters are installed at the same location. Where separately metered service is furnished for emergency exit lighting, fire alarm system or fire pump purposes, the energy used will be accumulated and billed with the regular service provided that it is furnished from the service entrance conductors which supply regular service. In such cases the customer shall pay the minimum charge. Emergency service furnished from separate service entrance conductors will be separately billed except as provided in the Electric Service Rules and Regulations of the Company.
- (3) Service under this rate is for general use in commercial, industrial, and governmental establishments, including any group of five or more dwelling units which are served through one meter and comply with the Electric Service Rules and Regulations of the Company governing resale. When farming and commercial or industrial operations are combined, the applicable rate shall be determined by the predominate use of service.
- (4) At the request of a customer, service will be furnished under this rate from an available primary line of adequate capacity by special arrangement under which the customer will agree to furnish, own and maintain at his expense all apparatus and material necessary for proper utilization of service at the available primary voltage. In such cases the service will be metered at the supply voltage and the kilowatt-hours registered will be reduced 3 percent and the measured demand will be reduced 2 ½ percent for billing purposes.
- (5) Temporary service is available under this rate in accordance with the Electric Service Rules and Regulations of the Company.

(Continued to Sheet No. 63)

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WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

Effective In All Areas Served In Wisconsin

Revision 0 Sheet 63

Amendment No. 652

Rate Schedules Cg 1, Cg 2,
Cg 3, Cg 6

GENERAL SECONDARY SERVICE

(Continued from Sheet No. 62)

CONDITIONS OF DELIVERY

- (6) Customers served under this rate who were previously served under the provisions of rate schedule Ms 2, Incandescent Street Lighting, will receive an additional two percent (2%) reduction in registered kilowatt hours for billing purposes.
- (7) The Company shall not be required to provide service facilities for any customers which are substantially in excess of that required for the customer's regular use.
- (8) This rate applies when the Company furnishes the entire electric service requirements of a customer. The Company will, however, furnish auxiliary service hereunder to a customer who operates his power plant. If the power plant is so operated that all or any portion of the customer's load can be served either from the power plant or from the Company's system, the customer shall contract for a demand mutually agreed upon, but in no case less than 5 kilowatts. The customer's demand shall be metered, and his net monthly bill for service shall not be less than \$2.50 per kilowatt of the highest measured demand in the twelve month period ending with the current month, or the minimum demand specified in the contract, whichever is the greater. A customer's power plant equipment is defined as including steam, combustion or hydraulic equipment used to operate electric generators, air compressors, refrigeration equipment, pumps and other similar equipment.
- (9) Customers who wish to operate generation equipment in parallel with the Company's system shall abide by the conditions of purchase for rate schedules COGS 1 and COGS 2.
- (10) Energy furnished under this rate shall not be resold, except as provided in Section 102.5 of the Electric Service Rules and Regulations of the Company.
- (11) For Cg 3 customers owning and operating generating systems greater than 75 MW gross output, the Company, under contract arrangement for billing and metering, may net the kWh consumed by the customer's generating facility from those kWh produced by the customer's same generating facility for those periods when the customer's generating facility is producing energy. There will be no net billing of the demand component nor a reduction in the facilities charge. If additional metering is required for this net billing, the customer must pay for such metering.

(Continued to Sheet No. 64)

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WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

Effective In All Areas Served In Wisconsin

Revision 1 Sheet 64

Amendment No. 691

Rate Schedules Cg 1, Cg 2,

Cg 3, Cg 6

GENERAL SECONDARY SERVICE

(Continued from Sheet No. 63)

CONDITIONS OF DELIVERY

- (12) Except as provided by contract entered into pursuant to paragraph 8 of these conditions, the Company shall not be required to provide service as standby for other types of energy or fuel.
- (13) A customer who uses service for periods of less than one year shall pay the monthly minimum charge during the months in which service is not required and, upon the customer's request, service will be disconnected at the cost of disconnection and reconnection as specified in Section 406.3 of the Electric Service Rules and Regulations of the Company.
- (14) A customer shall not receive a reduced minimum charge for temporary disconnection of service. The customer will be charged for the temporary disconnection as specified in Section 406.3. If reconnected within 12 months of disconnection, the customer shall pay the minimum charge for the months of temporary disconnection as well as the cost of reconnection as specified in Section 406.3 of the Electric Service Rules and Regulations of the Company. R
- (15) For customers served under the Cg1 and Cg6 rate schedules, who meet the criteria to be mandated to the Cg2 rate schedule, and who have not met the criteria to be mandated to the Cg3 rate schedule, if their off peak energy consumption is on average 80% or greater of their total energy consumption for the most recent 12 month period, the customer has the option of being served under either the Cg2 or Cg6 rate schedules (the customer may not remain on the Cg1 rate schedule). If the customer does not exercise their option to choose either the Cg2 or Cg6 rate, the customer will be mandated to the Cg2 rate. If the customer's 12 month average off peak energy consumption drops below 80% twice in a 12 month period, they will be mandated to the Cg2 rate schedule. A customer may request removal from the Cg2 rate schedule only when their latest 12 months total consumption drops below 100,000 kilowatt hours and they have not had more than one month's usage in excess of 10,000 kilowatt hours.

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WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

Revision 7 Sheet 65
Amendment No. 729
Rate Schedule Cp 1

Effective In All Areas Served In Wisconsin

GENERAL PRIMARY SERVICE -- TIME-OF-USE

AVAILABILITY

To customers contracting for three-phase, 60 hertz power service at approximately 3,810 volts or higher for periods of one year or more. Customers are required to remain on the selected on-peak period for at least one year.

RATE

Facilities Charge \$17.26027 per day

Demand Charges For Service at Primary Voltages

	Equal to or Less than <u>12,470 volts</u>	Greater than 12,470 volts and Less than <u>138,000 volts</u>	Equal to or Greater than <u>138,000 volts</u>	
All Billed on-peak demand per kW	\$11.054	\$10.882	\$10.736	R
All customer maximum demand per kW	\$1.02300	\$1.00700	\$0.00000	

For Determination of Demand, see Sheet Nos. 67 and 68.

Energy Charge For Service at Primary Voltages

	Equal to or Less than <u>12,470 volts</u>	Greater than 12,470 volts and Less than <u>138,000 volts</u>	Equal to or Greater than <u>138,000 volts</u>	
All on-peak energy, per kWh (a)	\$.07095	\$.06985	\$.06891	R
All off-peak energy, per kWh (b)	\$.05053	\$.04974	\$.04818	R

(Continued to Sheet No. 66)

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WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

Revision 4 Sheet 66
Amendment No. 738
Rate Schedule Cp 1

Effective In All Areas Service in Wisconsin

GENERAL PRIMARY SERVICE -- TIME-OF-USE

(Continued from Sheet No. 65)

- (a) General Primary on-peak energy usage is the energy in kilowatt-hours delivered during the on-peak period selected by the customer. The two on-peak periods available are:

8:00 a.m. to 8:00 p.m.
10:00 a.m. to 10:00 p.m.

prevailing time, Monday through Friday, excluding those days designated as legal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

- (b) General Primary off-peak energy usage is the energy in kilowatt hours delivered during all hours other than on-peak hours.

Adjustment for Cost of Fuel

See sheets Nos. 19 and 20.

Minimum Charge

The monthly minimum charge shall be the facilities charge plus the greater of the charge for 300 kilowatts of billed on-peak demand or the minimum on-peak demand charge as stated in the contract, plus the greater of the charge for 300 kW of customer maximum demand or the customer's maximum demand. New customers shall contract for not less than 300 kilowatts of billed on-peak demand. Auxiliary service shall be as provided in Paragraph 5, Conditions of Delivery.

Late Payment Charge

A one percent (1%) per month late payment charge will be applied to outstanding charges past due.

CONDITIONS OF DELIVERY

See Sheet Nos. 69 through 71

(Continued on Sheet No. 67)

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WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

Effective In All Areas Served In Wisconsin

Revision 0 Sheet 67

Amendment No. 652

Rate Schedules Cp 1, Cp 2, Cp
2V, Cp 2M

GENERAL PRIMARY SERVICE

DETERMINATION OF DEMAND

(1) Measured Demands

- (a) Measured demand shall be the average rate at which energy is used for a period of 15 consecutive minutes as ascertained by a watt-hour meter and an associated electronic recorder or other standard measuring device.
- (b) Measured on-peak demand shall be the maximum measured demand established during on-peak hours within the billing period. Unless specified to the contrary in writing by six months prior to written notice to customer, provided the on-peak period does not exceed twelve hours per day, on-peak hours shall be either from 8:00 a.m. to 8:00 p.m. or from 10:00 a.m. to 10:00 p.m., as selected by the customer, prevailing time, Monday through Friday, excluding those days designated as legal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.
- (c) Measured off-peak demand shall be the maximum demand within the billing period which is established during off-peak hours for the billing period. Off-peak hours are those hours not designated as on-peak hours.
- (d) Customer maximum demand shall be the maximum measured demand, not adjusted for power factor, which occurs during either the on or off-peak period, in the current or preceding 11 billing periods.

(2) Billed On-Peak Demands

The demand charges herein are based on a standard power factor of 85 percent. Billed on-peak demand shall be determined by the following formula less any amount calculated in No. (3) below related to new equipment testing demand:

- (a) For power factors at 85%

Billed on-peak demand = measured on-peak demand

- (b) For power factors below 85%

Billed on-peak demand =
(measured on-peak demand) [1 + (0.65)(0.85 – peak power factor)]

(Continued to Sheet No. 68)

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WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

Effective In All Areas Served In Wisconsin

Revision 0 Sheet 68

Amendment No. 652

Rate Schedules Cp 1, Cp 2,

Cp 2V, Cp 2M

GENERAL PRIMARY SERVICE

(Continued from Sheet No. 67)

DETERMINATION OF DEMAND

(c) For power factors above 85%

Billed on-peak demand = (measured on-peak demand) [1 – (0.5) (peak power factor – 0.85)]

The peak power factor shall be calculated from the kilowatt hours “A”, as obtained from the watt-hour meter, and the use of lagging kilovolt-ampere reactive hours “B”, as obtained from a ratcheted reactive component meter, which are used during the same 15 minute period in which the maximum measured demand occurs by the following formula:

Peak power factor = A divided by square root of (A² + B²)

(3) New Equipment Testing Demand for Cp 1 and Cp 2V Customers Only

Any customer installing new equipment requiring on-peak testing, may request adjustment of billed demands, for a period not to exceed 120 continuous days, when testing loads have on-peak hours of use less than 100. Where a customer so requests and has provided, to the approval of the Company, isolation of the testing load and payment of all costs of metering (sub-metering), the monthly billed on-peak demands during pre-approved testing periods will be adjusted by application of the following formula:

Billed on-peak Demand = A + B, where

A = The difference between total Company supplied power, as measured at the point of the customer’s interconnection with the Company, and the separately metered test load.

B = The difference between measured on-peak demand adjusted for power factor as determined in (2) above and A as calculated above, multiplied by a factor of [on-peak hours of use x .0075] + .25].

During to preapproved testing period, there will be no adjustments for the customer maximum demand occurring during the billing period, however, the customer maximum demand during this period will not be used in establishing the 12 month ratchet.

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WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

Revision 0 Sheet 69
Amendment No. 652
Rate Schedule Cp 1

Effective In All Areas Served In Wisconsin

GENERAL PRIMARY SERVICE -- TIME-OF-USE

CONDITIONS OF DELIVERY

- (1) The Company will furnish three-phase 60 hertz power service at its most conveniently available primary voltage but in no case less than approximately 3810 volts, at some one convenient point on the premises of the customer nearest the lines of the Company. The supply voltage will depend upon the location of the customer and the size and characteristics of his load. At the option of the Company, a customer receiving service under this rate at more than one voltage on the same premises may be billed on a conjunctive basis if the customer was required to change voltage due to the limitations of the Company's distribution system. If the customer elects to serve additional load at a higher voltage and the Company has distribution facilities at the existing voltage adequate to serve the additional load, then the Company shall bill the customer separately at each voltage.
- (2) Service under this rate is primarily for customers who use it in manufacturing and industrial operations. Any customer receiving service under this rate who requires lighting regulation shall furnish, install, operate and maintain the necessary regulating equipment at his expense.
- (3) The customer shall, at his expense, install all apparatus and materials necessary for the proper utilization of the power furnished by the Company. All such apparatus shall conform to the Company's rules and regulations pertaining to primary substation installation and shall at all times be kept suitable for operation by the power furnished.
- (4) If the customer's off-peak demand exceeds the on-peak demand to the extent that the installation of additional facilities are required, then the customer shall pay for such additional facilities.

(Continued to Sheet No. 70)

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WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

Revision 0 Sheet 70
Amendment No. 652
Rate Schedule Cp 1

Effective In All Areas Served In Wisconsin

GENERAL PRIMARY SERVICE -- TIME-OF-USE

(Continued from Sheet No. 69)

CONDITIONS OF DELIVERY

- (5) The Company will furnish auxiliary service under this rate to a customer who operates his power plant. For such service the customer's net yearly bill shall be not less than \$15.00 per kilovolt-ampere or equivalent kilovolt-ampere output rating of all customer's power plant equipment that supplies load which can be transferred from the customer's to the Company's system or the kilovolt-ampere rating of the customer's substation capacity which can serve such loads, whichever is the smaller. The customer's power plant equipment is defined as including steam, combustion or hydraulic equipment used to operate electric generators, air compressors, refrigeration equipment, pumps and other similar equipment. At the end of each calendar year, if the net amounts, excluding the adjustment for cost of fuel, billed by the Company for service under the customer's contract have not equaled the net minimum yearly bill for auxiliary service as provided hereunder, then the difference shall be billed by the Company and paid by the customer with the regular bill for service for the twelfth month of the calendar year. The first year's billing under a new contract shall be prorated to the December reading date.
- (6) Customers who wish to operate electric generation equipment in parallel with the Company's system shall abide by the conditions of purchase for rate schedules COGS 1 and COGS 2.
- (7) Should the customer, because of fire, strike, demonstrations, casualties, civil or military authority, insurrection or riot, the actions of the elements, or any other like causes beyond his control, be prevented from utilizing the power service contracted for, the Company will waive the monthly minimum demand charge for such period; provided, however, that the period of time of such suspension of use of power shall be added to the period of the contract; and further, provided that the customer notifies the Company in writing within six days of his inability to use said power service, specifying reasons therefor.

(Continued to Sheet No. 71)

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WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

Revision 0 Sheet 71
Amendment No. 652
Rate Schedule Cp 1

Effective In All Areas Served In Wisconsin

GENERAL PRIMARY SERVICE -- TIME-OF-USE

(Continued from Sheet No. 70)

CONDITIONS OF DELIVERY

- (8) The Company shall use reasonable diligence in furnishing an uninterrupted and regular supply of power, but it shall not be liable for interruptions, deficiencies, or imperfections in service, except to the extent of a prorated reduction of the demand charge provided for herein.
- (9) Service under this rate shall be furnished only in accordance with the Electric Service Rules and Regulation of the Company.
- (10) Except as provided by contract entered into pursuant to paragraph 5 of these conditions, the Company shall not be required to provide service as standby for other types of energy or fuel.
- (11) Energy furnished under this rate shall not be resold, except as provided in the Electric Service Rules and Regulations of the Company.
- (12) For customers owning and operating generating systems greater than 75 MW gross output, the Company, under contract agreement for billing and metering, may net the kWh consumed by the customer's generating facility from those kWh produced by the customer's same generating facility for those periods when the customer's generating facility is producing energy. There will be no net billing of the demand component nor a reduction in the facilities charge. If additional metering is required for this net energy billing, the customer must pay for such metering.

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WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

Revision 0 Sheet 71.1

Amendment No. 680

Effective In All Areas Served In Wisconsin

Rate Schedule Cp 1R2

GENERAL PRIMARY SERVICE -- EXPERIMENTAL TWO-PART REAL TIME PRICING

N

AVAILABILITY

For customers contracting for three-phase, 60 hertz power service at approximately 3,810 volts or higher for periods of one year or more that have been on the CP1 rate schedule for at least 12 months immediately before going on this rate (necessary to establish baseline consumption). Each customer account must have an average monthly on-peak measured demand greater than or equal to 500 kW.

This experimental rate is available to Wisconsin Electric's customers who meet the specified criteria on a signed contract first come, first served basis. The maximum total demand for the pilot (based on average monthly on-peak demand) is 300,000 kW.

This pilot tariff design will be offered for two years from the effective date of this tariff. The tariff will be limited to 15 customer accounts. The Company reserves the right to expand this tariff subject to annual assessment of the tariff's success. Based on the results of on-going analysis, or lack of participation in the program, Wisconsin Electric reserves the right to cancel and/or redesign the tariff prior to the end of the two-year period, subject to PSCW approval. Contracts outstanding at the time of any tariff redesign will be honored and unaffected unless both parties agree to proposed changes.

A customer subscribing to this tariff shall sign a contract for a term equal to the remaining duration of the tariff offering, but no less than one year in term.

Participants will start on the real time pricing tariff at the start of the billing period after a contract is signed and price communication software is installed and functioning.

Customers new to Wisconsin Electric's service territory will not be allowed to participate on this rate until they have established baseline consumption, including On-Peak Billed Demand and Customer Maximum Demand for at least 12 months on the CP1 rate.

Non-firm service will not be initially available under this tariff. Wisconsin Electric reserves the right to modify this tariff to incorporate a non-firm option in the future, given Commission approval.

PRICING METHODOLOGY

The pricing of this offering follows a two-part design. The first part of the Cp 1R2 pricing design applies to the customer's historic electricity consumption pattern. The customer will be billed for expected demand and energy consumption or Customer Baseline Load (CBL) at current Cp1 rates for on-peak demand, customer maximum demand, and on-peak and off-peak energy, including applicable cost of fuel adjustment charges, transmission surcharge adjustments as well as a facilities charge any other charges which may be applicable pursuant to future regulatory proceedings. CBL is based on the customer's hourly historic consumption as further defined in the CUSTOMER BASELINE LOAD section of this tariff.

(Continued to Sheet No. 71.2)

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WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

Revision 3 Sheet 71.2
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Rate Schedule Cp 1R2

Effective In All Areas Served In Wisconsin

GENERAL PRIMARY SERVICE -- EXPERIMENTAL TWO-PART REAL TIME PRICING

(Continued from Sheet No. 71.1)

PRICING METHODOLOGY (continued)

The second part of the Cp 1R2 pricing design applies to the *incremental*, or *decremental* consumption in any given hour. In other words, the hourly deviations from the CBL for that specific hour. This incremental, or decremental consumption is priced at a per kWh charge based on the hourly real-time prices (RTPs) provided by the Company. A customer will be charged at these real-time prices for consumption *above* their CBL for any given hour or credited at these prices for any consumption *below* their CBL for the hour – as explained further in the RATES SUMMARY section of this tariff.

RATE SUMMARY

Facilities Charge	\$525.00 per month
<u>Program Administration Fee</u>	+ <u>\$195.00 per month</u>
Total Monthly Fixed Charge	\$720.00 per month

The program administration fee covers the cost of billing and administrative costs, as well as the cost of day-ahead price communication to program participants

Demand Charges

Billed demand charges apply only to the baseline consumption. Billed demand is based on the expected on-peak maximum measured demand in the Customer Baseline Billing Determinants (CBBB), adjusted using the *current* power factor as measured for the *current* billing month. This is further explained in the DETERMINATION OF DEMAND and CONDITIONS OF DELIVERY sections of this tariff. CBBB is further defined in the Customer Baseline Billing Determinants section of this tariff.

Customer Maximum Demand charges also apply only to the baseline consumption and are priced according to the CP1 tariff.

See CP1 tariff, RATE section for specific rates that apply to the customer's demand charges.

CBBB Energy Charge

See CP1 tariff for energy charges that apply to the customer's CBBB usage.

CBBB Adjustment for Cost of Fuel

See sheets Nos. 19 and 20 for fuel adjustment charges that apply to CBBB energy and demand only.

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(Continued to Sheet No. 71.3)

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GENERAL PRIMARY SERVICE -- EXPERIMENTAL TWO-PART REAL TIME PRICING

(Continued from Sheet No. 71.2)

RATE SUMMARY (continued)

RTP Consumption Charge

The monthly RTP consumption charge (or credit) applies to consumption above or below the CBL level in all hours of the billing period. It is a per kWh charge that represents the hourly marginal cost of energy, hourly marginal generation capacity cost based on loss of load probability, marginal transmission cost, loss factors for capacity and energy, gross receipts tax and an adder for program risk and allowed return that will not exceed 3 mill / kWh.

The monthly RTP Consumption Charge (or credit) is computed as follows:

$$\text{RTP Consumption Charge}_{\text{MO.}} = \Sigma (\text{Price}_{\text{Hr.}} \times [\text{Load}_{\text{Hr.}} - \text{CBL}_{\text{Hr.}}])$$

Where:

- Σ = Sum over all hours of the monthly billing period.
- $\text{Price}_{\text{Hr.}}$ = Hourly real-time price based on marginal costs.
- Load_{Hr} = Customer's actual load in an hour.
- CBL_{Hr} = Customer Baseline Load on an hourly basis.

MINIMUM CHARGE

The monthly minimum charge shall be the facilities charge, *plus* the Program Administration Fee, plus either the charge for the greater of 500 kilowatts of billed on-peak demand or the minimum on-peak demand charge as stated in the contract, plus the greater of the charge for 500 kilowatts of the customer maximum demand or the customer's maximum demand.

R

LATE PAYMENT CHARGE

A one percent (1%) per month late payment charge will be applied to outstanding charges past due.

(Continued to Sheet No. 71.4)

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WISCONSIN ELECTRIC POWER COMPANY

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Rate Schedule Cp 1R2

GENERAL PRIMARY SERVICE -- EXPERIMENTAL TWO-PART REAL TIME PRICING

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(Continued from Sheet No. 71.3)

CUSTOMER BASELINE LOAD (CBL)

The Customer Baseline Load (CBL), as used in determining incremental or decremental consumption, is developed using a 12-month history of either customer-specific hourly firm load data (kW) or monthly billing determinant data, unadjusted for power factor. This CBL represents the electricity consumption pattern and level agreed to by the customer and Wisconsin Electric Power Company as typical of this customer's operation for billing under their conventional tariff and from which to measure changes in consumption for Cp 1R2 Billing. The original level of the CBL is subject to the approval of the Administrator of the Energy Division of the Public Service Commission of Wisconsin. The CBL will not change during the duration of the customer's contract under this rate, with the following exception.

Mid contract revisions to the CBL may be mutually agreed to between the customer and the company given a substantive and continuing change in the level of expected consumption per the following guidelines. Such changes require the approval of the Administrator of the Energy Division of the Public Service Commission of Wisconsin.

- 1) If a subscriber's annual total energy increases from their CBL annualized total energy level by more than 25%, as measured at the end of each contract year, and is expected to continue at this level for the upcoming year, the Company will adjust the CBL energy billing determinants to reflect expected consumption, with PSCW approval as noted.
- 2) If a subscriber's annual total energy decreases from their CBL annualized total energy level by more than 10%, as measured at the end of each contract year, and is expected to continue at this level for the upcoming year, the Company will, upon the customer's request and PSCW approval, adjust the CBL energy billing determinants proportionally."

CUSTOMER BASELINE BILLING DETERMINANTS (CBBD)

The Customer Baseline Billing Determinants (CBBD) are developed using the hourly historic kWh and kW consumption. However, the Billed On-Peak Demand is adjusted using current month, not historic power factor measurements as described in the RATE SUMMARY and CONDITIONS OF DELIVERY sections of this tariff. Customer maximum demand charges are based on the historic maximum 15-minute load for the twelve months prior to the customer's subscription to this rate. Any of the CBBD's may be modified from historic levels, by mutual agreement of the customer and company, if it can be demonstrated that historic consumption is not expected to reflect forward-going consumption.

(Continued to Sheet No. 71.5)

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GENERAL PRIMARY SERVICE -- EXPERIMENTAL TWO-PART REAL TIME PRICING

N

(Continued from Sheet No. 71.4)

DETERMINATION OF DEMAND

(1) Measured Demands

- (a) Measured demand shall be the average rate at which energy is used for a period of 15 consecutive minutes as ascertained by a watt-hour meter and an associated electronic recorder or other standard measuring device.
- (b) Measured on-peak demand shall be the maximum measured demand established during on-peak hours within a billing period. On-peak hours shall be either from 8:00 a.m. to 8:00 p.m. or from 10:00 a.m. to 10:00 p.m., prevailing time, Monday through Friday, excluding those days designated as legal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day. Note that the selection of the on-peak hours will reflect the historic selection made by the customer for the months used to determine the customer baseline billing determinants at the beginning of the customer contract. Customers may change their on-peak hours selection only in the case of a mid-term change in their CBL.
- (c) Expected measured on-peak demand shall be the expected value of measured on-peak demand for the billing month as reflected in the customer's CBL and established at the beginning of the customer contract.
- (d) Billed demand shall be the expected measured on-peak demand, adjusted for the current billing month power factor. Billed demand will apply only to baseline (CBB) consumption.
- (e) Customer maximum demand shall be the expected value of maximum measured demand, not adjusted for power factor, as reflected in the customer's CBL and established at the beginning of the customer contract.

(Continued to Sheet No. 71.6)

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GENERAL PRIMARY SERVICE -- EXPERIMENTAL TWO-PART REAL TIME PRICING

N

(Continued from Sheet No. 71.5)

DETERMINATION OF DEMAND (continued)

(2) Billed On-Peak Demands

The demand charges herein are based on a standard power factor of 85 percent. Billed on-peak demand shall be determined by the following formula.

(a) For power factors at 85%

Billed on-peak demand = expected measured on-peak demand

(b) For power factors below 85%

Billed on-peak demand =
(expected measured on-peak demand) [1 + (0.65)(0.85 – peak power factor)]

(c) For power factors above 85%

Billed on-peak demand =
(expected measured on-peak demand) [1 – (0.5) (peak power factor – 0.85)]

The peak power factor shall be calculated from the kilowatt hours “A”, as obtained from the watt-hour meter, and the use of lagging kilovolt-ampere reactive hours “B”, as obtained from a ratcheted reactive component meter, which are used during the same 15 minute period in which the maximum measured demand occurs by the following formula:

Peak power factor = A divided by square root of (A² + B²)

RTP ENERGY PRICE SPECIAL PROVISIONS

Wisconsin Electric will make hourly prices available to participating customers by 4:00 p.m. applicable for the following day. Normally the prices for Saturday through Monday will be available on the preceding Friday. Multiple day-ahead pricing may also be used for previously defined holidays. Wisconsin Electric reserves the right to update prices on a one-day-ahead basis, even if those prices had been previously provided.

Wisconsin Electric is not responsible for a participant’s failure to receive and act upon the hourly energy prices. If a participant does not receive these prices, it is the participant’s responsibility to inform the Company so that the prices may be supplied.

(Continued to Sheet No. 71.7)

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WISCONSIN ELECTRIC POWER COMPANY

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Effective In All Areas Served In Wisconsin

Rate Schedule Cp 1R2

GENERAL PRIMARY SERVICE -- EXPERIMENTAL TWO-PART REAL TIME PRICING

N

(Continued from Sheet No. 71.6)

CONDITIONS OF DELIVERY

- (1) A customer must execute a contract to take service under this rate schedule for up to a two year period which specifies that the customer will notify the Company at least 60 days before the period ends of whether the customer wishes to continue under this rate schedule or be served under another of the Company's applicable rate schedules. If the Company chooses to extend the program beyond the two year pilot, the Contract could be renewed at that time. Those customers previously served under one of the Company's non-firm rate schedules requiring a three-year contract, who prematurely terminate said contract in order to participate in the real time pricing pilot, will be required to return to their previous rate schedule if it is still open. If the customer returns to take service under a non-firm rate schedule, their non-firm load must be the same or greater than as stated in their original non-firm contract with the Company.
- (2) If the customer terminates the contract described in No. 1 above, prior to the date of termination as set forth in said contract, the customer will pay to the Company a cancellation charge of the Program Administration Fee times the number of remaining months in the aforementioned contract.
- (3) Participants for the real time pricing pilot will provide and maintain their own computer, with an internet connection and e-mail box, that can reliably operate the software (provided by Wisconsin Electric) for receipt of hourly prices. Alternate communication channels, such as FAX, may be used if the electronic channel is temporarily not working.
- (4) The Company will furnish three-phase 60 hertz power service at its most conveniently available primary voltage but in no case less than approximately 3,810 volts at some one convenient point on the premises of the customer nearest the lines of the Company. The supply voltage will depend upon the location of the customer and the size and characteristics of the load. At the option of the Company, a customer receiving service under this rate at more than one voltage on the same premises may be billed on a conjunctive basis if the customer was required to change voltage due to limitations of the Company's distribution system. If the customer elects to serve additional load at a higher voltage and the Company has distribution facilities at the existing voltage adequate to serve the additional load, then the Company shall bill the customer separately at each voltage.
- (5) Service under this rate is primarily for customers who use it in manufacturing and industrial operations. Any customer receiving service under this rate who requires lighting regulation shall furnish, install, operate and maintain the necessary regulating equipment at their expense.

(continued on Sheet No. 71.8)

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(Continued from Sheet No. 71.7)

CONDITIONS OF DELIVERY (continued)

- (6) The customer shall, at their expense, install all apparatus and materials necessary for the proper utilization of the power furnished by the Company. All such apparatus shall conform to the Company's rules and regulations pertaining to primary substation installation and shall at all times be kept suitable for operation by the power furnished.
- (7) If the customer's total actual demand exceeds the CBL demand to the extent that the installation of additional facilities are required, then the customer shall pay for such additional facilities.
- (8) Should the customer, because of fire, strike, demonstrations, casualties, civil or military authority, insurrection or riot, the actions of the elements, or any other like causes beyond his control, be prevented from utilizing the power service contracted for, the Company will waive the monthly Minimum charges for such period; provided, however, that the period of time of such suspension of use of power shall be added to the period of the contract; and further; provided that the customer notifies the Company in writing within six days of the customer's inability to use said power service, specifying the reasons therefore.
- (9) The Company shall use reasonable diligence in furnishing an uninterrupted and regular supply of power, but it shall not be liable for interruptions, deficiencies, or imperfections in service.
- (10) Service under this rate shall be furnished only in accordance with the Electric Service Rules and Regulations of the Company.
- (11) Energy furnished under this rate shall not be resold, except as provided in the Electric Service Rules and Regulations of the Company.
- (12) The Company shall not be required to provide service as standby for other types of energy or fuel.
- (13) The Company shall have the right at any reasonable time to enter the customer's premises for the purpose of installation, inspection, repair, replacement or removal of software, computers, modems, printers, alarm equipment and/or any other equipment provided by the Company for this rate. The customer shall bear all risk of loss, damage, theft, or destruction of such equipment.
- (14) Title to equipment provided by the Company shall remain in the Company and such equipment shall not become a part of the realty or a fixture, but at all times shall be and remain in the personal property of the Company regardless of the manner of installation in or attachment to the premises. The Company shall have the right, but not the obligation, to remove such equipment if the customer is no longer served under this rate.

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WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

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Amendment No. 652
Rate Schedule Cp 1R

Effective In All Areas Served In Wisconsin

GENERAL PRIMARY SERVICE -- EXPERIMENTAL REAL TIME PRICING

PILOT DESIGN

This experimental rate is available to Wisconsin Electric’s customers who meet the specified criteria on a signed contract first come, first served basis. The maximum total demand for the pilot (based on average monthly on-peak demand) is:

Phase 1 (1996)	100,000 kW
Phase 2 (1997)	200,000 kW
Phase 3 (1998)	300,000 kW

The contract time period for each phase of the pilot is one year. The contract may be renewed after one year or the customer will be required to return to complete their prior Wisconsin Electric rate contract, provided the rate is still available.

Based on the results of on-going analysis, Wisconsin Electric reserves the right to cancel and/or redesign Phase 2 and/or Phase 3 of this pilot prior to January 1 of the indicated year.

Participants will start on the real time pricing pilot after March 1, 1996, at the start of the billing period after a contract is signed and price communication software is installed and functioning.

AVAILABILITY

For customers contracting for three-phase, 60 hertz power service at approximately 3,810 volts or higher for periods of one year or more. The Company reserves the right to restrict participation under this experimental tariff to a maximum of three customers per two digit SIC code grouping, with each participating customer limited to a maximum of two accounts, in Phase 1 of the pilot. Each customer account must have an average monthly on-peak measured demand greater than or equal to 500 kW and less than or equal to 10,000 kW in Phase 1 and 2 of the pilot. Customers may choose a non-firm service option. Non-firm service will require customer to curtail load for capacity reasons only.

(Continued to Sheet No. 73)

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Revision 7 Sheet 73

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Amendment No. 738

Rate Schedule Cp 1R

GENERAL PRIMARY SERVICE – EXPERIMENTAL REAL TIME PRICING

(Continued from Sheet No. 72)

RATE SUMMARY

<u>Facilities Charge</u>	\$23.01370 per day		
<u>Access Fee</u>	<u>For Service at Primary Voltages</u>		
	Equal to	Greater than	Equal to or
	Less than	12,470 volts	Greater than
	<u>12,470 volts</u>	and Less than	<u>138,000 volts</u>
		<u>138,000 volts</u>	<u>138,000 volts</u>
Per monthly contracted Access Demand Adjusted for power factor	\$11.054	\$10.882	\$10.736
Per monthly contracted Access Customer Maximum Demand, not adjusted for power factor	\$1.02300	\$1.00700	\$0.00000

A non-firm credit is available for those customers participating in the real time price non-firm option. See Sheet No. 51.6 for details.

For Determination of Contracted Access Demand See Sheet Nos. 74 and 75

Energy Charge The energy charge is a per kWh charge based on the hourly energy prices provided by the Company during the billing period and the participants hourly consumption.

MINIMUM CHARGE

The monthly minimum charge shall be the facilities charge plus the Access Fees.

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(Continued to Sheet No. 74)

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Rate Schedule Cp 1R

GENERAL PRIMARY SERVICE -- EXPERIMENTAL REAL TIME PRICING

(Continued from Sheet No. 73)

LATE PAYMENT CHARGE

A one percent (1%) per month late payment charge will be applied to outstanding charges past due.

DETERMINATION OF CONTRACTED ACCESS DEMAND/CUSTOMER MAXIMUM DEMAND

The contracted Access Demand will be based on the customer's previous twelve month on-peak measured demand. The contracted Access Customer Maximum Demand shall be the maximum measured demand not adjusted for power factor which occurs during either on or off-peak period in the previous twelve months. The Public Service Commission of Wisconsin (PSCW) in Phase 1 and Phase 2, will be notified in those instances where the contracted Access Demand or the contracted Access Customer Maximum Demand is below the previous twelve months historical demands.

If a customer new to Wisconsin Electric's service territory desires to participate, the customer's contracted Access Demand and Access Customer Maximum Demand will be determined based on information provided by the customer, previous usage at another location and/or usage by a customer with similar characteristics. Contracted Access Demand and contracted Access Customer Maximum Demand for customers new to Wisconsin Electric's service territory for Phase 1 and Phase 2 will be reviewed and reconciled after the first three months of the contract. The remainder of the contract will be adjusted based on the review of actual usage. This process will be repeated three months later.

The customer's contracted Access Demand will be adjusted for power factor based on the customer's actual maximum on-peak measured demand for the billing period.

Measured demand shall be the average rate at which energy is used for a period of 15 consecutive minutes as ascertained by a watt-hour meter and an associated electronic recorder or other standard measuring device.

Measured on-peak demand (used to calculate the Access Demand Fee) shall be the maximum measured demand established during on-peak hours within the billing period. On-peak hours shall be either from 8:00 a.m. to 8:00 p.m. or from 10:00 a.m. to 10:00 p.m., as selected by the customer, prevailing time, Monday through Friday, excluding those days designated as legal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

(Continued to Sheet No. 75)

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(Continued from Sheet No. 74)

Power Factor Adjustment

The peak power factor shall be calculated from the kilowatt hours “A”, as obtained from the watt-hour meter, and the use of lagging kilovolt-ampere reactive hours “B”, as obtained from a ratcheted reactive component meter, which are used during the same 15 minute period in which the maximum measured demand occurs by the following formula:

$$\text{Peak power factor} = A \text{ divided by square root of } (A^2 + B^2)$$

The Access Fee is based on a standard power factor of 85 percent.

- (a) For power factors at 85%

No adjustment to the Contracted Access Demand

- (b) For power factors below 85%

Make the following adjustment:

$$(\text{Contracted Access Demand}) [1 + (0.65)(0.85 - \text{peak power factor})]$$

- (c) For power factors above 85%

Make the following adjustment:

$$(\text{Contracted Access Demand}) [1 - (0.5) (\text{peak power factor} - 0.85)]$$

ENERGY PRICE SPECIAL PROVISIONS

The energy calculation for this real time pricing rate will include the following components: hourly marginal energy cost, loss factors for capacity and energy, hourly generation marginal capacity cost based on loss of load probability, variable factor, gross revenue tax and a risk factor for plant availability. Wisconsin Electric will make hourly prices available to participating customers by 4:00 p.m. applicable for the following day. Normally the prices for Saturday through Monday will be available on the preceding Friday. Multiple day-ahead

(Continued to Sheet No. 76)

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GENERAL PRIMARY SERVICE – EXPERIMENTAL REAL TIME PRICING

(Continued from Sheet No. 75)

ENERGY PRICE SPECIAL PROVISIONS

pricing may also be used for previously defined holidays. Wisconsin Electric reserves the right to update prices on a one-day-ahead basis, even if those prices had been previously provided.

Wisconsin Electric is not responsible for a participant's failure to receive and act upon the hourly energy prices. If a participant does not receive these prices, it is the participant's responsibility to inform the Company so that the prices may be supplied.

NON-FIRM OPTION

Availability

For customers with a minimum of 500 kilowatts of capacity curtailable load per account. If the non-firm load is on isolated and separately metered circuits, it will be treated as a separate service to the customer.

Curtailable Demand

The customer's capacity Curtailable Demand will be the difference between the customer's contracted Access Demand adjusted for power factor and the customer's firm demand level for the billing period. Non-firm service under this rate may be refused if the Company believes the load to be curtailed will not provide adequate load reduction when the Company desires capacity curtailment. The Company will notify the customer of the Company's refusal to provide non-firm real time pricing service and the Company will inform the customer of the customer's right to ask for a PSCW review of the Company's refusal of service.

If the customer's capacity Curtailable Demand is less than 500 kW per account for any three months of a consecutive twelve month period, the Company may suspend service under the non-firm real time price option and thereafter serve the customer under the firm service real time pricing option.

(Continued to Sheet No. 77)

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GENERAL PRIMARY SERVICE – EXPERIMENTAL REAL TIME PRICING

(Continued from Sheet No. 76)

Non-Firm Credit

The non-firm credit will be calculated as follows:

$A (B - C) = \text{Monthly Real Time Pricing Non-Firm Credit}$

A = Value of kW (January through May and October through December equals \$1.00/kW
June through September equals \$2.50)

B = Monthly Contracted Access Demand, adjusted for Power Factor

C = Firm Demand Level kW

Firm Demand Level

Customers selecting this non-firm option must enter into a contract that specifies a firm demand level. The customer may renominate a firm demand level once during a calendar year subject to approval of the Company. Within one hour of being notified to curtail for capacity reasons by the Company, the customer must reduce demand to the firm demand level, and remain at or below the firm demand level until the customer is notified that the capacity curtailment period has ended.

Non-Firm Service Conditions

Service under the real time pricing non-firm option shall be subject to capacity curtailment at the sole discretion of the Company. There will be no more than 150 hours of capacity curtailment in any calendar year. Brief periods of capacity curtailment (periods less than four hours duration) shall be regarded as having lasted four hours, for purposes of limiting the total annual hours to 150. Interruptions due to lightning, wind, and other physical causes other than intentional capacity curtailment by the Company shall not be considered in determining the hours of non-firm service.

(Continued to Sheet No. 78)

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GENERAL PRIMARY SERVICE – EXPERIMENTAL REAL TIME PRICING

(Continued from Sheet No. 77)

CONDITIONS OF DELIVERY

- (1) A customer must execute a contract to take service under this rate schedule for a one year period which specifies that the customer will notify the Company at least 30 days before the period ends of whether the customer will continue under this rate schedule or be served under another of the Company's applicable rate schedules. For those customers previously served under one of the Company's non-firm rate schedules requiring a five year contract, who prematurely terminate said contract in order to participate in the real time pricing pilot, will be required to return to their previous rate schedule if it is still open. If the customer returns to take service under a non-firm rate schedule, their non-firm load must be the same or greater than as stated in their original non-firm contract with the Company. The contract will contain a provision, which absent notice, will automatically extend the contract for one year from each anniversary date. Based on the results of on-going analysis the Company reserves the right to cancel and/or redesign Phase 2 and/or Phase 3 of this pilot prior to January 1 of the indicated year as stated above.
- (2) If the customer terminates the contract described in No. 1 above, prior to the date of termination as set forth in said contract, the customer will pay to the Company a cancellation charge of \$1,000. For those customers served under the non-firm option, the cancellation charge shall be the sum of the curtailable credits as shown on the customer's bill for the most recent twelve months or \$1,000, whichever is greater.
- (3) Participants for the firm real time pricing pilot will provide and maintain their own analog telephone line, modem and a computer that can reliably operate the software (provided by Wisconsin Electric) for receipt of hourly prices. Participants on the non-firm real time pricing pilot will be provided with a computer, modem and alarm equipment for notification of capacity curtailments, but most provide their own analog telephone line.

(Continued to Sheet No. 79)

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Rate Schedule Cp 1R

GENERAL PRIMARY SERVICE – EXPERIMENTAL REAL TIME PRICING

(Continued from Sheet No. 78)

CONDITIONS OF DELIVERY (continued)

- (4) The Company will furnish three-phase 60 hertz power service at its most conveniently available primary voltage but in no case less than approximately 3,810 volts at some one convenient point on the premises of the customer nearest the lines of the Company. The supply voltage will depend upon the location of the customer and the size and characteristics of the load. At the option of the Company, a customer receiving service under this rate at more than one voltage on the same premises may be billed on a conjunctive basis if the customer was required to change voltage due to limitations of the Company's distribution system. If the customer elects to serve additional load at a higher voltage and the Company has distribution facilities at the existing voltage adequate to serve the additional load, then the Company shall bill the customer separately at each voltage.
- (5) Service under this rate is primarily for customers who use it in manufacturing and industrial operations. Any customer receiving service under this rate who requires lighting regulation shall furnish, install, operate and maintain the necessary regulating equipment at his expense.
- (6) The customer shall, at their expense, install all apparatus and materials necessary for the proper utilization of the power furnished by the Company. All such apparatus shall conform to the Company's rules and regulations pertaining to primary substation installation and shall at all times be kept suitable for operation by the power furnished.
- (7) If the customer's off-peak demand exceeds the on-peak demand or if the customer's total demand exceeds the access fees demand to the extent that the installation of additional facilities are required, then the customer shall pay for such additional facilities.
- (8) Should the customer, because of fire, strike, demonstrations, casualties, civil or military authority, insurrection or riot, the actions of the elements, or any other like causes beyond his control, be prevented from utilizing the power

(Continued to Sheet No. 80)

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WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

Revision 0 Sheet 80

Amendment No. 652

Effective In All Areas Served In Wisconsin

Rate Schedule CP 1R

GENERAL PRIMARY SERVICE -- EXPERIMENTAL REAL TIME PRICING

(Continued from Sheet No. 79)

CONDITIONS OF DELIVERY

- (8 Cont.) service contracted for, the Company will waive the monthly Access Fees for such period; provided, however, that the period of time of such suspension of use of power shall be added to the period of the contract; and further; provided that the customer notifies the Company in writing within six days of his inability to use said power service, specifying the reasons therefor.
- (9) The Company shall use reasonable diligence in furnishing an uninterrupted and regular supply of power, but it shall not be liable for interruptions, deficiencies, or imperfections in service.
- (10) Service under this rate shall be furnished only in accordance with the Electric Service Rules and Regulations of the Company.
- (11) Energy furnished under this rate shall not be resold, except as provided in the Electric Service Rules and Regulations of the Company.
- (12) The Company shall not be required to provide service as standby for other types of energy or fuel.
- (13) The Company shall have the right at any reasonable time to enter the customer's premises for the purpose of installation, inspection, repair, replacement or removal of software, computers, modems, printers, alarm equipment and/or any other equipment provided by the Company for this rate. The customer shall bear all risk of loss, damage, theft, or destruction of such equipment.
- (14) Title to such equipment provided by the Company shall remain in the Company and such equipment shall not become a part of the realty or a fixture, but at all times shall be and remain in the personal property of the Company regardless of the manner of installation in or attachment to the premises. The Company shall have the right, but not the obligation, to remove such equipment if the customer is no longer served under this rate.

(Continued to Sheet No. 81)

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WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

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Amendment No. 652

Effective In All Areas Served In Wisconsin

Rate Schedule Cp 1R

GENERAL PRIMARY SERVICE -- EXPERIMENTAL - REAL TIME PRICING

(Continued from Sheet No. 80)

CONDITIONS OF DELIVERY

Additional Conditions of Delivery for those Customers

Choosing the Non-firm Option of this Real Time Pricing Rate

- (15) The customer shall, at its expense, install all apparatus and materials necessary for the measurement of the curtailment of load for capacity reasons. The customer's circuits are to be arranged so that none of the curtailable load can be transferred to service furnished under any other rate.
- (16) The customer shall be charged a penalty for each occurrence in which the customer fails to curtail load during a period of capacity curtailment. The penalty shall be fifteen dollars (\$15) per kilowatt of maximum measured demand recorded during the capacity curtailment period which is above the customer's Firm Demand Level, for up to two failures while participating in this rate option. Beginning with the third failure to curtail during a capacity curtailment and for all failures after that while continuing to participate in this option, the penalty shall be thirty-five (\$35) per kilowatt of maximum measured demand recorded during the capacity curtailment period which is above the customer's Firm Demand Level. The Company may suspend service under this rate and thereafter serve the customer under the appropriate rate if the customer fails to interrupt service twice in any consecutive twelve month time period.
- (17) The customer shall pay in advance of construction all costs estimated by the Company for facilities to serve the curtailable load.
- (18) The Company shall not be liable for any damages sustained by customers because of interruptions, deficiencies, or imperfections of electric service provided under this rate.
- (19) Curtailable service shall not be used as standby for any other forms of energy or fuel. Customers with their own generating equipment shall be required to separately meter such equipment or demonstrate the separation of curtailable loads from the generation output.

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WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

Revision 5 Sheet 81.1
Amendment No. 729
Rate Schedule Cp FN

Effective In All Areas Served In Wisconsin

GENERAL PRIMARY SERVICE – COMBINED FIRM and NON-FIRM SERVICE

AVAILABILITY

For customers contracting for three-phase 60 hertz power service at approximately 13,200 volts or higher for a period of at least three years with a monthly 15 minute integrated demand of at least 1,000 kilowatts of interruptible load. Customers are required to remain on the selected on-peak period for at least one year. The Company reserves the right to restrict participation under this tariff to a program maximum of 150 MW contracted interruptible load. Any customer denied service under this tariff has a right to appeal this denial to the Public Service Commission of Wisconsin. The Company further reserves the right to add a curtailable option to this tariff, subject to PSCW approval. THIS RATE IS CLOSED TO NEW CUSTOMERS. R

Customers participating in this rate schedule shall enter into a contract which specifies a firm service level above which all additional load, a minimum of 1,000 kilowatts, is interruptible by the Company and is treated and billed as such per the RATE and CONDITIONS OF DELIVERY sections of this tariff.

RATE

<u>Facilities Charge</u>	\$26.30137 per day		
<u>Demand Charges</u>	<u>For Service at Primary Voltages</u>		
	Equal to or Greater than 13,200 volts and Less than <u>138,000 volts</u>	Equal to or Greater than <u>138,000 volts</u>	
All Billed on-peak firm demand per kW	\$10.882	\$10.736	R
All Billed on-peak non-firm demand per kW (minimum of 1,000 kW beyond firm load)	\$5.522	\$5.376	R
All customer maximum demand per kW	\$1.00700	\$0.00000	

Billed on-peak firm demand and customer maximum demand are as determined on Sheet No. 81.3 – 81.6

(Continued to Sheet No. 81.2)

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WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

Revision 4 Sheet 81.2
Amendment No. 729
Rate Schedule Cp FN

Effective In All Areas Served In Wisconsin

GENERAL PRIMARY SERVICE – COMBINED FIRM and NON-FIRM SERVICE

(Continued from Sheet No. 81.1)

Billed on-peak non-firm demand will be the on-peak demand less the billed on-peak firm demand as determined on Sheets No. 81.3 - 81.6 OR 80% of the highest measured off-peak non-firm demand adjusted for power factor as described on Sheet Nos. 81.3 - 81.6, whichever is greater, subject to a minimum billed on-peak non-firm demand of 700 kW. All other non-firm demand components are as determined on Sheet Nos. 81.3 - 81.6.

<u>Energy Charge</u>	<u>For Service at Primary Voltages</u>		
	Equal to or Greater than 13,200 volts and Less than 138,000 volts	Equal to or Greater than 138,000 volts	
FIRM LOAD ENERGY (per contract)			
All on-peak energy, per kWh (a)	\$.06985	\$.06891	R
All off-peak energy, per kWh (b)	\$.04974	\$.04818	R

NON-FIRM (INTERRUPTIBLE) LOAD ENERGY

All on-peak energy, per kWh (a)	\$.06646	\$.06558	R
All off-peak energy, per kWh (b)	\$.04732	\$.04584	R

- (a) General Primary on-peak energy usage is the energy in kilowatt-hours delivered during the on-peak period selected by the customer. The two on-peak periods available are:

 8:00 a.m. to 8:00 p.m.
 10:00 a.m. to 10:00 p.m.

prevailing time, Monday through Friday, excluding those days designated as legal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

- (b) General Primary off-peak energy usage is the energy in kilowatt hours delivered during all hours other than on-peak hours.
- (c) The method used in separating firm load energy from non-firm (interruptible) load energy is explained in the Determination of Energy section of this tariff.

(Continued to Sheet No. 81.3)

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WISCONSIN ELECTRIC POWER COMPANY

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Rate Schedule Cp FN

Effective In All Areas Served In Wisconsin

GENERAL PRIMARY SERVICE – COMBINED FIRM and NON-FIRM SERVICE

(Continued from Sheet No. 81.2)

Adjustment for Cost of Fuel

See sheets Nos. 19 and 20.

Minimum Charge

The monthly minimum charge shall be the facilities charge, plus the greater of the charge for 700 kW of customer maximum demand or the customer's maximum demand, plus the greater of either:

- i. the charge for 300 kilowatts of billed on-peak firm demand (if the customer's firm service level is greater than 0), plus the charge for 700 kilowatts of billed on-peak interruptible demand or
- ii. the minimum billed on-peak firm and non-firm demand charges as stated in the facilities extension agreement.

Late Payment Charge

A one percent (1%) per month late payment charge will be applied to outstanding charges past due.

CONDITIONS OF DELIVERY

See Sheet Nos. 81.6 through 81.11 .

DETERMINATION OF DEMAND

(1) Measured Demands

- (a) Measured demand shall be the average rate at which energy is used for a period of 15 consecutive minutes as ascertained by a watthour meter and an associated electronic recorder or other standard measuring device.
- (b) Measured on-peak demand shall be the maximum measured demand established during on-peak hours within the billing period. Customer selection of on-peak and off-peak periods is covered in more detail in the Conditions of Delivery section of this tariff.

(Continued to Sheet No. 81.4)

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GENERAL PRIMARY SERVICE – COMBINED FIRM and NON-FIRM SERVICE

N

(Continued from Sheet No. 81.3)

DETERMINATION OF DEMAND (continued)

- (c) Contract firm service level shall be the firm service level as determined by a contract (service agreement) entered into by the Company and subscribers to this rate. The customer may re-nominate a contract firm service level once during a calendar year subject to approval by the Company. The contract firm service level may be increased by no more than 20% on an annual basis and no more than 30% during any period equivalent to the original term of the contract. At the sole discretion of the Company, customer-requested exceptions to these 20% and 30% re-nomination caps may be considered and granted, but only under extraordinary circumstances such as a systemic and sustained change in customer production levels.

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Note that the firm service level nominated can be zero such that all consumption will be billed as non-firm.

- (d) Measured on-peak firm demand shall be determined by the following criteria:

If the customer contracts for a firm service level of 0 kW, the measured on-peak firm demand shall be 0 kW. However, if the contract firm service level is greater than zero, the measured on-peak firm demand shall be that portion of measured on-peak demand that does not exceed the contract firm service level.

- (e) Measured on-peak non-firm demand shall be equal to the measured on-peak demand minus the measured on-peak firm demand.

- (f) Measured off-peak demand shall be the maximum demand within the billing period which is established during off-peak hours for the billing period. Off-peak hours are those hours not designated as on-peak hours.

- (g) Measured off-peak firm demand shall be determined by the following criteria:

If the customer contracts for a firm service level of 0 kW, the measured off-peak firm demand shall be 0 kW. However, if the contract firm service level is greater than zero, the measured off-peak firm demand shall be that portion of measured off-peak demand that does not exceed the contract firm service level.

- (h) Measured off-peak non-firm demand shall be equal to the measured off-peak demand minus the measured off-peak firm demand.

- (i) Customer maximum demand shall be the maximum measured demand, not adjusted for power factor, which occurs during either the on or off-peak period, in the current or preceding 11 billing periods.

(Continued to Sheet No. 81.5)

WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

Revision 0 Sheet 81.5
Amendment No. 674
Rate Schedule Cp FN

Effective In All Areas Served In Wisconsin

GENERAL PRIMARY SERVICE – COMBINED FIRM and NON-FIRM SERVICE

N

(Continued from Sheet No. 81.4)

DETERMINATION OF DEMAND

(2) Billed On-Peak Demands

The demand charges herein are based on a standard power factor of 85 percent. Billed on-peak demand shall be determined by the following formula less any amount calculated in No. (3) below related to new equipment testing demand:

(a) For power factors at 85%

Billed on-peak firm demand = measured on-peak firm demand

Billed on-peak non-firm demand = measured on-peak non-firm demand

(b) For power factors below 85%

Billed on-peak firm demand =

(measured on-peak firm demand) [1 + (0.65)(0.85 – peak power factor)]

Billed on-peak non-firm demand =

(measured on-peak non-firm demand) [1 + (0.65)(0.85 – peak power factor)]

(c) For power factors above 85%

Billed on-peak firm demand =

(measured on-peak firm demand) [1 – (0.5) (peak power factor – 0.85)]

Billed on-peak non-firm demand =

(measured on-peak non-firm demand) [1 – (0.5) (peak power factor – 0.85)]

The peak power factor shall be calculated from the kilowatt hours “A”, as obtained from the watt-hour meter, and the use of lagging kilovolt-ampere reactive hours “B”, as obtained from a ratcheted reactive component meter, which are used during the same 15 minute period in which the maximum measured demand occurs by the following formula:

Peak power factor = A divided by square root of (A² + B²)

No credit will be given for a leading power factor.

(Continued to Sheet No. 81.6)

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WISCONSIN ELECTRIC POWER COMPANY

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Amendment No. 674

Effective In All Areas Served In Wisconsin

Rate Schedule Cp FN

GENERAL PRIMARY SERVICE – COMBINED FIRM and NON-FIRM SERVICE

N

(Continued from Sheet No. 81.5)

(3) New Equipment Testing Demand

For any customer installing new equipment requiring on-peak testing, for a period not to exceed 120 continuous days and when testing loads have on-peak hours of use less than 100, the customer may request that the Company pre-approve a testing period. During this pre-approved testing period, the customer maximum demand during this period will not be used in establishing the 12 month ratchet.

DETERMINATION OF ENERGY

(1) Firm Load Energy

If the customer contracts for a firm service level of 0 kW, the customer firm load energy shall be 0 kWh. However, if the contract firm service level is greater than zero, the customer's firm energy shall be that portion of the total load, measured in kilowatts for each 15-minute period of the month, that does not exceed the contract firm service level.

(2) Non-Firm (Interruptible) Load Energy

The customer's non-firm energy shall be that portion of the total load, measured in kilowatts for each 15-minute period of the month, that is in excess of the contract firm service level.

CONDITIONS OF DELIVERY

- (1) The Company will furnish three-phase 60 hertz power service at its most conveniently available primary voltage but in no case less than approximately 13,200 volts, at some one convenient point on the premises of the customer nearest the lines of the Company. The supply voltage will depend upon the location of the customer and the size and characteristics of his load. At the option of the Company, a customer receiving service under this rate at more than one voltage on the same premises may be billed on a conjunctive basis if the customer was required to change voltage due to the limitations of the Company's distribution system. If the customer elects to serve additional load at a higher voltage and the Company has distribution facilities at the existing voltage adequate to serve the additional load, then the Company shall bill the customer separately at each voltage.

(Continued to Sheet No. 81.7)

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WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

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Amendment No. 708

Effective In All Areas Served In Wisconsin

Rate Schedule Cp FN

GENERAL PRIMARY SERVICE – COMBINED FIRM and NON-FIRM SERVICE

(Continued from Sheet No. 81.6)

CONDITIONS OF DELIVERY

- (2) Service under this rate is primarily for customers who use it in manufacturing and industrial operations. Any customer receiving service under this rate who requires lighting regulation shall furnish, install, operate and maintain the necessary regulating equipment at his expense.
- (3) The customer shall, at his expense, install all apparatus and materials necessary for the proper utilization of the power furnished by the Company. All such apparatus shall conform to the Company's rules and regulations pertaining to primary substation installation and shall at all times be kept suitable for operation by the power furnished.
- (4) If the customer's off-peak demand exceeds the on-peak demand to the extent that the installation of additional facilities is required, then the customer shall pay for such additional facilities. R
- (5) Unless specified to the contrary in writing by six months prior to written notice to customer, provided the on-peak period does not exceed twelve hours per day, on-peak hours shall be either from 8:00 a.m. to 8:00 p.m. or from 10:00 a.m. to 10:00 p.m., as selected by the customer, prevailing time, Monday through Friday, excluding those days designated as legal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.
- (6) The Company will furnish auxiliary service under this rate to a customer who operates his power plant. For such service the customer's net yearly bill shall be not less than \$15.00 per kilovolt-ampere or equivalent kilovolt-ampere output rating of all customer's power plant equipment that supplies load which can be transferred from the customer's to the Company's system or the kilovolt-ampere rating of the customer's substation capacity able to serve such loads, whichever is the smaller. The customer's power plant equipment is defined as including steam, combustion or hydraulic equipment used to operate electric generators, air compressors, refrigeration equipment, pumps and other similar equipment. At the end of each calendar year, if the net amounts, excluding the adjustment for cost of fuel, billed by the Company for service under the customer's contract have not equaled the net minimum yearly bill for auxiliary service as provided hereunder, then the difference shall be billed by the Company and paid by the customer with the regular bill for service for the twelfth month of the calendar year. The first year's billing under a new contract shall be prorated to the December reading date. R

(Continued to Sheet No. 81.8)

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GENERAL PRIMARY SERVICE – COMBINED FIRM and NON-FIRM SERVICE

(Continued from Sheet No. 81.7)

CONDITIONS OF DELIVERY

- (7) Customers who wish to operate electric generation equipment in parallel with the Company's system shall abide by the conditions of purchase for rate schedules CGS1, CGS2 and CGS3. R
- (8) Should the customer, because of fire, strike, demonstrations, casualties, civil or military authority, insurrection or riot, the actions of the elements, or any other like causes beyond his control, be prevented from utilizing the power service contracted for, the Company will waive the monthly minimum demand charge for such period; provided, however, that the period of time of such suspension of use of power shall be added to the period of the contract; and further, provided that the customer notifies the Company in writing within six days of his inability to use said power service, specifying reasons therefore.
- (9) The Company shall use reasonable diligence in furnishing an uninterrupted and regular supply of power, but it shall not be liable for any damages sustained by customer because of interruptions, deficiencies, or imperfections in electric service provided under this rate.
- (10) Service under this rate shall be furnished only in accordance with the Electric Service Rules and Regulation of the Company.
- (11) Except as provided by contract entered into pursuant to paragraph 6 of these conditions, the Company shall not be required to provide service as standby for other types of energy or fuel. Customers with their own generating equipment shall be required to separately meter such equipment or demonstrate the separation of non-firm loads from the generation output. R
- (12) Energy furnished under this rate shall not be resold, except as provided in the Electric Service Rules and Regulations of the Company.
- (13) For customers owning and operating generating systems greater than 75 MW gross output, the Company, under contract agreement for billing and metering, may net the kWh consumed by the customer's generating facility from those kWh produced by the customer's same generating facility for those periods when the customer's generating facility is producing energy. There will be no net billing of the demand component or a reduction in the facilities charge. If additional metering is required for this net energy billing, the customer must pay for such metering.

(Continued to Sheet No. 81.9)

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WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

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Effective In All Areas Served In Wisconsin

Rate Schedule Cp FN

GENERAL PRIMARY SERVICE – COMBINED FIRM and NON-FIRM SERVICE

(Continued from Sheet No. 81.8)

CONDITIONS OF DELIVERY

(14) A customer may make a one-time election to take service under this rate schedule for a trial period of twelve consecutive months, provided the customer has not been previously served under another of the Company's non-firm rates. The customer must execute a contract which specifies that the customer will notify the Company at least 30 days before the trial period ends of whether the customer will continue the interruptible service under this rate schedule for a minimum of three more years. The interruptible service contract will contain a provision which, absent notice, will automatically extend the contract for one year from each anniversary date.

(15) If the customer terminates the contract schedule described in (12) prior to the date of termination as set forth in said contract, the customer will pay to the Company a cancellation charge equal to the demand charge differential between the customer's non-firm demand charge and the firm on-peak demand charge from this rate schedule multiplied by the sum of the billed demands associated with the customer's interruptible load as shown on the customer's bills for the most recent 12 month period. The cancellation charge will not apply if the customer executes a contract to take service, effective the day following termination of the existing non-firm contract, under the Company's Contract Service Tariff for a period of at least 3 years, or, another of the Company's non-firm rate schedules which has a 3 year rolling contract term, provided that there is no increase in on-peak firm demand for the duration of the current contract term which is defined as the remaining term as of the next anniversary date of the contract. For example, if the contract has a three year term with an anniversary date of April 30, 2006, and the change is requested prior to April 30, 2006, then no additional firm load may be added until May 1, 2009. After that date, changes may be made only in accordance with tariff requirements.

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At the sole discretion of the Company, other customer requests to waive this cancellation fee may be considered and granted, but only under extraordinary circumstances such as a systemic and sustained change in Customer production levels.

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(16) For the purposes of determining the customer's eligibility for the non-firm portion of this rate, the customer's non-firm interruptible load will be the difference between the customer's maximum measured on-peak demand during the last consecutive 12-month period and the customer's proposed contracted firm service level. Service under this rate may be refused if the Company believes the load to be interrupted will not provide adequate load reduction when the Company desires interruption. The Company will notify the customer of the Company's refusal to provide service under this rate and the Company will inform the customer of the customer's right to ask for a commission review of the Company's refusal of service.

(17) If the customer's non-firm interruptible load is less than 1000 kW for any 3-months out of a 12 consecutive month period, the Company may suspend service under the non-firm interruptible portion of this rate and serve the customer under the firm portion of this rate for their entire load.

(Continued to Sheet No. 81.9)

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WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

Revision 1 Sheet 81.10

Amendment No. 713

Effective In All Areas Served In Wisconsin

Rate Schedule Cp FN

GENERAL PRIMARY SERVICE – COMBINED FIRM and NON-FIRM SERVICE

(Continued from Sheet No. 81.9)

R

CONDITIONS OF DELIVERY

- (18) The customer shall, at their expense, install all apparatus and materials necessary for the measurement of the non-firm load. The customer's circuits are to be arranged so that none of the interruptible load can be transferred to service furnished under any other rate.
- (19) Non-firm interruptible service under this rate shall be subject to interruption at the sole discretion of the Company. The sum of capacity interruptions and system energy economy constraints will not exceed 300 hours in any calendar year. Brief periods of capacity and system energy economy interruption (periods that are less than six hours duration) shall be regarded as having lasted six hours, for purposes of limiting the total annual hours to 300. Interruptions due to lightning, wind, and other physical causes other than intentional interruption by the Company shall not be considered in determining the hours of interruption.
- (20) The Company shall maintain control over Customer's non-firm interruptible load at all times. This control will involve either actual direct remote control of the interruptible load by the Company or a control scheme that is mutually agreed upon by the Company and Customer and reflected in the contract.
- (21) Non-firm interruptible service under this rate shall be subject to:
- a) Interruptions due to capacity constraints, during which the customer must interrupt load or be charged a penalty, and b) system energy economy constraints, during which the customer may elect to either drop load or pay the additional charge for energy use.

Capacity Interruptions: Interruptions due to capacity constraints may occur without prior notice, however the Company will endeavor to provide notice where possible. The customer shall be charged a penalty for each occurrence in which the customer fails to interrupt load during a period of capacity interruption. During the twelve month trial period, the penalty shall be fifteen dollars (\$15) per kilowatt of maximum measured demand above the customer's contracted firm service level recorded during a capacity interruption period, for up to two failures to interrupt within said trial period. Beginning with the third failure to interrupt during the trial period, and for all failures to interrupt which occur after the expiration of the trial period, the penalty shall be thirty-five dollars (\$35) per kilowatt of maximum measured demand recorded during a capacity interruption period above the customer's contracted firm service level. The Company may suspend service under this rate and thereafter serve the customer under the appropriate rate if the customer fails to interrupt service twice in any consecutive twelve month period.

(Continued to Sheet No. 81.11)

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WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

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Effective In All Areas Served In Wisconsin

Rate Schedule Cp FN

GENERAL PRIMARY SERVICE – COMBINED FIRM and NON-FIRM SERVICE

(Continued from Sheet No. 81.10)

CONDITIONS OF DELIVERY

- b) System Energy Economy Constraints: The customer shall receive one hour notice of a system energy economy constraint which will include the projected system avoided cost of power plus 10% for the economy constraint period. An example of determination of the additional charge is shown below:

System Avoided Cost of Power Plus 10% per kWh	\$0.20000
Less: On-peak Energy per kWh at Existing Rate	<u>\$0.06646</u>
Additional Charge per kWh	\$0.13354

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