

MANITOWOC PUBLIC UTILITIES

Power Cost Adjustment Clause

All metered rates shall be subject to a positive or negative power cost adjustment charge equivalent to the amount by which the three-month average cost of power per kilowatt-hour (kWh) of sales is greater or lesser than the base cost of power purchased per kWh of sales.

The current cost per kWh of energy billed is equal to the average cost of power purchased for the most recent three months, divided by the average kilowatt-hours of energy sold in the most recent three months. The monthly adjustment (rounded to the nearest one one-hundredth of a cent) is equal to the current cost less the base cost. The base cost of power (U) is \$0.02620 per kWh.

Periodic changes shall be made to maintain the proper relative structure of the rates and to insure that power costs are being equitably recovered from the various rate classes. If the monthly adjustment (A) exceeds \$0.0150 per kWh, for more than three times in a 12-month period (current plus preceding 11-months), the company shall notify the Public Service Commission of Wisconsin separate from its monthly PCAC report of the need to evaluate a change in rates to incorporate a portion of the power cost adjustment into the base rates.

For purposes of calculating the power cost adjustment charge, the following formula shall be used:

$$A = \frac{C}{S} - U$$

- A is the power cost adjustment rate in dollars per kWh rounded to four decimal places applied on a per kWh basis to all metered sales of electricity.
- S is the total kilowatt-hours sold during the most recent three months less those kWh associated with the energy buy-through option under rate schedule IS-1.
- U is the base cost of power, which equals the average cost of power purchased per kWh of sales for the test year period. This figure remains constant in each subsequent monthly calculation at \$0.02620 per kWh until otherwise changed by the Public Service Commission of Wisconsin.
- C is the cost of power purchased in dollars in the most recent three months net of interruptible credits, revenue from wholesale power sales, and revenue from the MISO Day 2 market LESS energy buy-through revenues resulting from rate schedule IS-1, for the same three month period. Costs and revenue for use in the calculation of C are the monthly amounts recorded in the following accounts of the Uniform System of Accounts:

Class AB utilities Accounts 501, 536, 547, 555, 566, and 447

RATE FILE

Sheet No. 1 of 1

Schedule No. Rg-1

Amendment No. 77

Public Service Commission of Wisconsin

MANITOWOC PUBLIC UTILITIES

Residential Service

Application: This rate will be applied to residential single-phase customers for ordinary household purposes. Single-phase motors may not exceed 5 horsepower individual-rated capacity without utility permission.

Customers who do not meet these criteria will be served under the applicable rate.

Customer Charge: Single-Phase \$ 7.00 per month,
 Three-Phase \$14.00 per month.

Energy Charge: \$0.0904 per kilowatt-hour (kWh).

Power Cost Adjustment Clause: Charge per all kWh varies monthly. See schedule PCAC.

Minimum Monthly Bill: The minimum monthly bill shall be the customer charge.

Prompt Payment of Bills: A charge of no more than 1 percent per month will be added to bills not paid within 20 days from date of issuance. The late payment charge shall be applied to the total unpaid balance for utility service, including unpaid late payment charges. This charge is applicable to all customers.

EFFECTIVE:

April 1, 2006

PSCW AUTHORIZATION:

Order in Docket 3320-ER-108, mailed March 30, 2006

MANITOWOC PUBLIC UTILITIES

Small Power Service

Application: This rate will be applied to customers for all types of service if their monthly Maximum Measured Demand is in excess of 100 kilowatts (kW) per month for three or more months in a consecutive 12-month period, unless the customer exceeds the application conditions of another power service time-of-day schedule.

Customers billed on this rate shall continue to be billed on this rate until their monthly Maximum Measured Demand is less than 100 kW per month for 12 consecutive months. The utility shall offer customers billed on this rate a one-time option to continue to be billed on this rate for another 12 months if their monthly Maximum Measured Demand is less than 100 kW per month. However, this option shall be offered with the provision that the customer waives all rights to billing adjustments arising from a claim that the bill for service would be less on another rate schedule than under this rate schedule.

Customer Charge: \$50.00 per month.

Demand Charge: \$8.00 per kW of billed demand.

Energy Charge: \$0.0511 per kilowatt-hour (kWh).

Power Cost Adjustment Clause: Charge per all kWh varies monthly. See schedule PCAC.

Prompt Payment of Bills: Same as Rg-1.

Minimum Monthly Bill: The minimum monthly bill shall be equal to the customer charge, plus \$1.50 per kW of the highest monthly Maximum Measured Demand occurring in the current month or preceding 11-month period.

Determination of Maximum Measured Demand: The Maximum Measured Demand in any month shall be that demand in kilowatts necessary to supply the average kilowatt-hours in 15 consecutive minutes of greatest consumption of electricity during each month. Such Maximum Measured Demand shall be determined from readings of permanently installed meters or, at the option of the utility, by any standard methods or meters. Said demand meter shall be reset to zero when the meter is read each month.

Determination of Billed Demand: The Billed Demand shall be the Maximum Measured Demand.

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MANITOWOC PUBLIC UTILITIES

Small Power Service (continued)

Discounts: The monthly bill for service will be subject to the following discounts applied in the sequence listed below.

Primary Metering Discount: Customers metered on the primary side of the transformer shall be given a 1.25 percent discount on the monthly energy charge, and demand charge. The PCAC and the monthly customer charge will not be eligible for the primary metering discount.

Transformer Ownership Discount: Customers who own and maintain their own transformers or substations shall be given a credit of \$0.20 per kW of demand. Customer-owned substation equipment shall be operated and maintained by the customer. Support and substation equipment is subject to utility inspection and approval.

MANITOWOC PUBLIC UTILITIES

Intermediate Power Time-of-Day Service

Application: This rate will be applied to customers for all types of service, if their monthly Maximum Measured Demand is in excess of 200 kilowatts (kW) per month for three or more months in a consecutive 12-month period, but not greater than 500 kW per month for three or more months in a consecutive 12-month period. This rate will be optional for customers that have monthly demands during three months of any consecutive 12 month period that average 200 kW or more.

Customers billed on this rate shall continue to be billed on this rate until their monthly Maximum Measured Demand is less than 200 kW per month for 12 consecutive months. The utility shall offer customers billed on this rate a one-time option to continue to be billed on this rate for another 12 months if their monthly Maximum Measured Demand is less than 200 kW per month. However, this option shall be offered with the provision that the customer waives all rights to billing adjustments arising from a claim that the bill for service would be less on another rate schedule than under this rate schedule.

Service under this tariff requires either a dedicated telephone line to each metering location provided by the customer or an alternative telecommunication installation provided by the utility to facilitate remote meter reading. Customer's that provide a dedicated telephone line for the utility's use will receive a monthly credit on their bill. The initial installation cost for such a dedicated telephone line and the associated equipment and the ongoing maintenance of the telephone line and switching equipment would be the customer's responsibility. The installation and associated equipment must meet the utility's specifications.

Customer Charge: \$100.00 per month.

Distribution Demand Charge: \$1.50 per kW of distribution demand.

Demand Charge: \$7.75 per kW of on-peak billed demand.

Energy Charge: On-peak: \$0.0521 per kilowatt-hour (kWh),
Off-peak: \$0.0357 per kWh.

Power Cost Adjustment Clause: Charge per all kWh varies monthly. See schedule PCAC.

Minimum Monthly Bill: The minimum monthly bill shall be equal to the customer charge, plus the distribution demand charge.

Prompt Payment of Bills: Same as Rg-1.

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MANITOWOC PUBLIC UTILITIES

Intermediate Power Time-of-Day Service

Determination of Maximum Measured Demand and On-peak Maximum Demand: The Maximum Measured Demand in any month shall be that demand in kilowatts necessary to supply the average kilowatt-hours in 15 consecutive minutes of greatest consumption of electricity during each month. Such Maximum Measured Demand shall be determined from readings of permanently installed meters or, at the option of the utility, by any standard methods or meters. Said demand meter shall be reset to zero when the meter is read each month. The Maximum Measured Demand that occurs during the On-peak period shall be the On-peak Maximum Demand.

Determination of Distribution Demand: The Distribution Demand shall be the highest monthly Maximum Measured Demand occurring in the current month or preceding 11-month period.

Determination of On-peak Billed Demand: The On-peak Billed Demand shall be the Maximum Measured Demand that occurs during the On-peak period.

Power Factor Adjustment: The Average Monthly Power Factor is obtained by the following formula, where A = monthly use of kilowatt-hours and B = monthly use of lagging reactive kilovolt-ampere-hours as obtained from a reactive component meter. Any reactive component meter used shall be equipped with ratchets to prevent registration of leading Power Factor.

$$\text{Average Monthly Power Factor} = \frac{A}{\sqrt{A^2 + B^2}}$$

Power Factor Adjustment Charge: If a customer's Power Factor is above 90 percent, a credit of 0.2 percent of the net bill (Before Discounts are applied) for every whole percent that the customer's Power Factor exceeds 90 percent. If a customer's Power Factor is less than 90 percent, a charge of 0.3 percent of the net bill (Before Discounts are applied) for every whole percent that the customer's Power Factor is below 90 percent.

MANITOWOC PUBLIC UTILITIES

Large Power Time-of-Day Service

Application: This rate will be applied to customers for all types of service, if their monthly Maximum Measured Demand is in excess of 500 kilowatts (kW) per month for three or more months in a consecutive 12-month period, but not greater than 5,000 kW per month for three or more months in a consecutive 12-month period.

Customers billed on this rate shall continue to be billed on this rate until their monthly Maximum Measured Demand is less than 500 kW per month for 12 consecutive months. The utility shall offer customers billed on this rate a one-time option to continue to be billed on this rate for another 12 months if their monthly Maximum Measured Demand is less than 500 kW per month. However, this option shall be offered with the provision that the customer waives all rights to billing adjustments arising from a claim that the bill for service would be less on another rate schedule than under this rate schedule.

Service under this tariff requires either a dedicated telephone line to each metering location provided by the customer or an alternative telecommunication installation provided by the utility to facilitate remote meter reading. Customer's that provide a dedicated telephone line for the utility's use will receive a monthly credit on their bill. The initial installation cost for such a dedicated telephone line and the associated equipment and the ongoing maintenance of the telephone line and switching equipment would be the customer's responsibility. The installation and associated equipment must meet the utility's specifications.

Customer Charge: For Service < 6,000 Volts \$250.00 per month,
For Service > 6,000 Volts \$300.00 per month.

Distribution Demand Charge: \$1.50 per kW of distribution demand.

Demand Charge: \$8.00 per kW of on-peak billed demand.

Energy Charge: On-peak: \$0.0466 per kilowatt-hour (kWh),
Off-peak: \$0.0302 per kWh.

Power Cost Adjustment Clause: Charge per all kWh varies monthly. See schedule PCAC.

Minimum Monthly Bill: The minimum monthly bill shall be equal to the customer charge, plus the distribution demand charge.

Prompt Payment of Bills: Same as Rg-1.

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MANITOWOC PUBLIC UTILITIES

Industrial Power Time-of-Day Service (continued)

Determination of Maximum Measured Demand and On-peak Maximum Demand: The Maximum Measured Demand in any month shall be that demand in kilowatts necessary to supply the average kilowatt-hours in 15 consecutive minutes of greatest consumption of electricity during each month. Such Maximum Measured Demand shall be determined from readings of permanently installed meters or, at the option of the utility, by any standard methods or meters. Said demand meter shall be reset to zero when the meter is read each month. The Maximum Measured Demand that occurs during the On-peak period shall be the On-peak Maximum Demand.

Determination of Distribution Demand: The Distribution Demand shall be the highest monthly Maximum Measured Demand occurring in the current month or preceding 11-month period.

Determination of On-peak Billed Demand: The On-peak Billed Demand shall be the Maximum Measured Demand that occurs during the On-peak period.

Power Factor Adjustment: The Average Monthly Power Factor is obtained by the following formula, where A = monthly use of kilowatt-hours and B = monthly use of lagging reactive kilovolt-ampere-hours as obtained from a reactive component meter. Any reactive component meter used shall be equipped with ratchets to prevent registration of leading Power Factor.

$$\text{Average Monthly Power Factor} = \frac{A}{\sqrt{A^2 + B^2}}$$

Power Factor Adjustment Charge: If a customer's Power Factor is above 90 percent, a credit of 0.2 percent of the net bill (Before Discounts are applied) for every whole percent that the customer's Power Factor exceeds 90 percent. If a customer's Power Factor is less than 90 percent, a charge of 0.3 percent of the net bill (Before Discounts are applied) for every whole percent that the customer's Power Factor is below 90 percent.

MANITOWOC PUBLIC UTILITIES

Industrial Power Time-of-Day Service

Application: This rate will be applied to customers for all types of service if their monthly Maximum Measured Demand is in excess of 5,000 kilowatts (kW) per month for three or more months in a consecutive 12-month period.

Customers billed on this rate shall continue to be billed on this rate until their monthly Maximum Measured Demand is less than 5,000 kW per month for 12 consecutive months. The utility shall offer customers billed on this rate a one-time option to continue to be billed on this rate for another 12 months if their monthly Maximum Measured Demand is less than 5,000 kW per month. However, this option shall be offered with the provision that the customer waives all rights to billing adjustments arising from a claim that the bill for service would be less on another rate schedule than under this rate schedule.

Service under this tariff requires either a dedicated telephone line to each metering location provided by the customer or an alternative telecommunication installation provided by the utility to facilitate remote meter reading. Customer's that provide a dedicated telephone line for the utility's use will receive a monthly credit on their bill. The initial installation cost for such a dedicated telephone line and the associated equipment and the ongoing maintenance of the telephone line and switching equipment would be the customer's responsibility. The installation and associated equipment must meet the utility's specifications.

Customer Charge: For Service < 6,000 Volts \$250.00 per month,
For Service > 6,000 Volts \$300.00 per month.

Distribution Demand Charge: \$1.00 per kW of distribution demand.

Demand Charge: \$8.25 per kW of on-peak billed demand.

Energy Charge: On-peak: \$0.0462 per kilowatt-hour (kWh),
Off-peak: \$0.0298 per kWh.

Power Cost Adjustment Clause: Charge per all kWh varies monthly. See schedule PCAC.

Minimum Monthly Bill: The minimum monthly bill shall be equal to the customer charge, plus the distribution demand charge.

Prompt Payment of Bills: Same as Rg-1.

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MANITOWOC PUBLIC UTILITIES

Industrial Power Time-of-Day Service (continued)

Determination of Maximum Measured Demand and On-peak Maximum Demand: The Maximum Measured Demand in any month shall be that demand in kilowatts necessary to supply the average kilowatt-hours in 15 consecutive minutes of greatest consumption of electricity during each month. Such Maximum Measured Demand shall be determined from readings of permanently installed meters or, at the option of the utility, by any standard methods or meters. Said demand meter shall be reset to zero when the meter is read each month. The Maximum Measured Demand that occurs during the On-peak period shall be the On-peak Maximum Demand.

Determination of Distribution Demand: The Distribution Demand shall be the highest monthly Maximum Measured Demand occurring in the current month or preceding 11-month period.

Determination of On-peak Billed Demand: The On-peak Billed Demand shall be the Maximum Measured Demand that occurs during the On-peak period.

Power Factor Adjustment: The Average Monthly Power Factor is obtained by the following formula, where A = monthly use of kilowatt-hours and B = monthly use of lagging reactive kilovolt-ampere-hours as obtained from a reactive component meter. Any reactive component meter used shall be equipped with ratchets to prevent registration of leading Power Factor.

$$\text{Average Monthly Power Factor} = \frac{A}{\sqrt{A^2 + B^2}}$$

Power Factor Adjustment Charge: If a customer's Power Factor is above 90 percent, a credit of 0.2 percent of the net bill (Before Discounts are applied) for every whole percent that the customer's Power Factor exceeds 90 percent. If a customer's Power Factor is less than 90 percent, a charge of 0.3 percent of the net bill (Before Discounts are applied) for every whole percent that the customer's Power Factor is below 90 percent.

Public Service Commission of Wisconsin

MANITOWOC PUBLIC UTILITIES

Street Lighting Service

Application: This schedule will be applied to municipal street lighting. The utility will furnish, install, and maintain street lighting units.

Investment charges:

General (Overhead):

- 100 W HPS - \$7.70 per lamp per month
- 200 W HPS - \$8.70 per lamp per month
- 250 W HPS - \$9.70 per lamp per month

Ornamental (No Outside Cost Contribution):

- 70 W HPS II - \$22.45 per lamp per month
- 100 W HPS - \$8.20 per lamp per month
- 200 W HPS - \$9.45 per lamp per month
- 250 W HPS - \$10.45 per lamp per month

Existing Ornamental (If 75% Outside Cost Contribution):

- 70 W HPS I - \$12.95 per lamp per month
- 200 W HPS I - \$14.95 per lamp per month
- 200 W HPS II - \$ 9.45 per lamp per month

New Ornamental (No Outside Cost Contribution):

- 200 W HPS¹ - \$22.45 per lamp per month
- 200 W HPS² - \$15.95 per lamp per month
- 250 W HPS³ - \$34.95 per lamp per month
- 250 W HPS⁴ - \$16.45 per lamp per month
- 250 W HPS⁵ - \$17.45 per lamp per month
- 250 W HPS⁶ - \$ 9.95 per lamp per month

New Ornamental (If 100% Outside Cost Contribution):

- 200 W HPS¹ - \$ 9.45 per lamp per month
- 200 W HPS² - \$ 6.25 per lamp per month
- 250 W HPS³ - \$12.45 per lamp per month
- 250 W HPS⁴ - \$ 6.95 per lamp per month
- 250 W HPS⁵ - \$ 8.20 per lamp per month
- 250 W HPS⁶ - \$ 4.95 per lamp per month
- 100 W HPS⁷ - \$ 5.45 per lamp per month

Energy Charge: \$0.0424 per kilowatt-hour (kWh).

Power Cost Adjustment Clause: Charge per all kWh varies monthly. See schedule PCAC.

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Public Service Commission of Wisconsin

MANITOWOC PUBLIC UTILITIES

Street Lighting Service

Terms and Conditions: The utility shall provide a maximum 200 foot single span service facility with a maximum of 35 foot wood pole for municipal street lighting rates. The underground, or ornamental, rate shall apply to installations where the utility provides either a concrete, metal, or fiberglass pole; or underground service wire. In addition, the standard installation shall include the luminaries, lamp, control device, and mast arm.

Prompt Payment of Bills: Same as Rg-1.

Footnotes: New Ornamental Lighting types

- 1 200 W HPS Shoe Box on 30 ft. fiberglass pole with bolt-down base
- 2 200 W HPS Shoe Box on 30 ft. direct bury fiberglass pole
- 3 250 W HPS Harbor Town units
- 4 250 W HPS Cobra on direct buried fiberglass pole
- 5 250 W HPS Cobra on direct buried fiberglass pole with 15 foot Arm
- 6 250 W HPS Double Cobra on 35 foot direct buried fiberglass pole
- 7 100 W HPS Coach Light units

Note: HPS = High Pressure Sodium

Public Service Commission of Wisconsin

MANITOWOC PUBLIC UTILITIES

Security Lighting Service

Application: This schedule will be applied to security lighting. The utility will furnish, install, and maintain lighting units.

Investment charges:

Overhead:

100 W HPS	-	\$ 8.20 per lamp per month
200 W HPS	-	\$ 9.20 per lamp per month
250 W HPS	-	\$10.15 per lamp per month
400 W HPS Flood	-	\$11.45 per lamp per month
400 W MH Flood	-	\$11.90 per lamp per month
1,000 W MH Flood	-	\$15.45 per lamp per month

Underground:

100 W HPS	-	\$ 9.20 per lamp per month
200 W HPS	-	\$ 9.70 per lamp per month

Energy Charge: \$0.0424 per kilowatt-hour (kWh).

Power Cost Adjustment Clause: Charge per all kWh varies monthly. See schedule PCAC.

Prompt Payment of Bills: Same as Rg-1.

Terms and Conditions: The utility shall provide a maximum 200 foot single span service facility with a maximum of 35 foot wood pole for security lighting rates. In addition, the standard installation shall include the luminaries, lamp, control device, and mast arm. For facilities requested in excess of the standard design, the utility shall require an advance contribution from the customer equal to the cost of the excess facilities less the cost of the standard facilities.

Term of Contract: The minimum contract period shall be three years subject to an automatic annual renewal period of one year each. The contract may be terminated at the end of any yearly period upon 90 days written notice by either party, provided the initial contract period has elapsed.

Note: HPS = High Pressure Sodium
MH = Metal Halide

MANITOWOC PUBLIC UTILITIES

Other Charges and Billing Provisions

Budget Payment Plan: A budget payment plan, which is in accordance with Wis. Admin. Code ch. PSC 113, is available from the utility. The utility does not use a fixed budget year. The utility will calculate the monthly budgeted amount by spreading the estimated annual bill over eleven months, with the last month consisting of any end of year adjustments.

Reconnection Billing: All customers whose service is disconnected in accordance with the disconnection rules as outlined in Wis. Admin. Code ch. PSC 113, shall be required to pay a reconnection charge. The charge shall be **\$35.00** during regular office hours. After regular office hours the minimum reconnection charge of **\$75.00** applies plus any overtime labor costs, not to exceed a total maximum charge of **\$75.00**.

Reconnection of a Seasonal Customer's Service: Reconnection of a service for a seasonal customer who has been disconnected for less than one year shall be subject to the same reconnection charges outlined above. A seasonal customer shall also be charged for all minimum bills that would have been incurred had the customer not temporarily disconnected service.

Insufficient Fund Charge: A **\$20.00** charge will be applied to the customer's account when a check rendered for utility service is returned for insufficient funds. This charge may not be in addition to, but may be inclusive of, the water utility's insufficient fund charge when the check was for payment of both electric and water service.

Average Depreciated Embedded Cost: The embedded cost of the distribution system (excluding the standard transformer and service facilities), for each customer classification, is determined based on methodology authorized by the Public Service Commission of Wisconsin, and described in the utility's Electric Rules. The average depreciated embedded cost by customer classification is as follows:

Residential Service: **\$133.00.**

Apartment and Rental Units Separately Metered: **\$133.00** per unit metered.

Subdividers and Residential Developers: **\$133.00** per unit.

General Service: (Including Multi-Unit Dwellings If Billed on One Meter): **\$428.25.**

Power Service: **\$25.80** per kW (Cp-1), **\$20.45** per kW (Cp-2), and **\$17.75** per kW (Cp-3) and **\$15.10** per kW (Cp-4), of average billed demand.

Street Lighting: **\$5.50**

MANITOWOC PUBLIC UTILITIES

Interruptible Rider – Cancelled 1/1/07

Application: Available to customers on Rate Schedules Cp-2, Cp-3, and Cp-4 contracting for service for periods of one or more years with a minimum Contract Interruptible Demand of 500 kW measured over a 15-minute time interval, as defined below. Under special circumstances and under the sole discretion of the utility, the utility may allow for a lower Interruptible Demand of 200 kW for a particular customer(s).

Rate: All the provisions of the applicable Cp-2, Cp-3, and Cp-4 rate schedules shall apply with the exception that customers served on this rider shall have an on-peak demand charge credit for that portion of the customer’s load designated as interruptible applied as follows:

\$3.50 per kW per month

Nomination of Demand: Customers shall nominate either a Contract Firm Demand level or a Contract Interruptible Demand, as defined below.

1. For a customer who establishes a monthly On-Peak Billed Demand under Cp-2, Cp-3, or Cp-4, based on the maximum annual on-peak, 15-minute demand in a billing month as defined in those tariffs, and who wishes to set a Contract Firm Demand level, the customer’s Interruptible Demand shall be equal to the customer’s monthly On-Peak Billed Demand less the customer’s Contract Firm Demand. This section does not apply if the customer chooses to establish a Contract Interruptible Demand in section 2 instead of a Contract Firm Demand level.
2. For a customer that wishes to establish a Contract Interruptible Demand usually based on the size of a standby generator, motor, production line, etc. where the size of the demand reduction is well known, the customer’s Firm Demand shall be equal to the customer’s monthly On-Peak Billed Demand less the customer’s Contract Interruptible Demand. This paragraph does not apply if the customer chooses to establish a Contract Firm Demand in section 1 instead of a Contract Interruptible Demand level.
3. The customer’s Interruptible Demand or Contract Interruptible Demand shall be at least 500 kW for each customer, even if the customer has multiple meters, except under special circumstances where the utility may allow for a lower Interruptible Demand or Contract Interruptible Demand of no less than 200 kW for a particular customer(s).

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MANITOWOC PUBLIC UTILITIES

Interruptible Rider – Cancelled 1/1/07 (continued)

4. For a customer who has nominated Contract Firm Demand, the customer must reduce their monthly On-Peak Billed Demand to the customer’s Contract Firm Demand level during all 15-minute periods during the interruption. The customer shall not exceed their Contract Firm Demand during the duration of the interruption for that day unless the customer has prearranged an Energy Buy-through with the utility.
5. For a customer who has nominated Contract Interruptible Demand, the customer must be able to curtail their Interruptible Load, as defined in section 2 above, as measured from the highest 15-minute demand in the two-hour period just prior to the start of the interruption to the customer’s demand in the first 15-minute period after the start of the interruption. This demand level establishes the customer’s Firm Demand for the period of interruption for that day. The customer shall not exceed their Firm Demand during the duration of the interruption for that day unless the customer has prearranged an Energy Buy-through with the utility.
6. The utility’s Power Factor Correction shall be calculated based the net bill before any discounts or interruptible on-peak demand charge credit is applied.

Conditions of Delivery:

1. A customer receiving service under this rider must enter into a contract that specifies a Contract Firm Demand or a Contract Interruptible Demand. The Contract Firm Demand level or Contract Interruptible Demand level may be amended annually during the contract term if the customer’s load characteristics change so as to make the existing contract demand level inappropriate. The portion of the customer’s load designated as Contract Interruptible Demand may not be reduced by more than 20 percent in any one year and by more than 30 percent in any three-year period. All requests for changes in the customer’s Contract Firm Demand level are subject to the approval of the utility.
2. A customer may make a one-time election to take service under this rate schedule for a 12-month trial period. The customer must execute a contract which specifies that the customer will notify the utility at least 30 days before the trial period ends of whether the customer will continue the interruptible service contract for a minimum of three more years. The interruptible service contract will contain a provision that, absent notice, will automatically extend the contract year-to-year from each anniversary date. This service will automatically sunset, and cease to be in effect, upon January 1, 2007, unless extended in writing by January 1, 2006.

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MANITOWOC PUBLIC UTILITIES

Interruptible Rider – Cancelled 1/1/07 (continued)

3. Each customer taking service under this rider, upon receiving advance notification by the utility, must reduce its Interruptible Load to zero by reducing total 15-minute demand during the interruption to the customer's Contract Firm Demand level, as metered by the utility, until the utility has notified the customer that the interruption period has ended and normal service has been resumed. **Failure to comply with these provisions will result in an unauthorized use of electricity, as defined in section 13.**
4. The utility's Power Plant Operator will notify the customer's operations contact person when the interruption is to occur. The utility will have the sole discretion on the length of interruption and the amount of time between notification and actual interruption. The utility will attempt to provide advance notice of at least one hour, but shall not be obligated to do so.
5. In those emergency conditions where less than 30 minutes notice is given for the start of an interruption, the utility will waive the penalty provisions, as defined in section 13, for a period of no more than 30 minutes and only if, and under the sole determination by the utility, that it is apparent that the customer is making an attempt to reduce demand on utility's system quickly.
6. On an experimental basis for a period of one year ending June 1, 2003, customers taking service under this rider will have the ability to exceed their monthly On-Peak Billed Demand, which is the highest 15-minute demand in a billing month as defined in the customer's tariffs, during a period not to exceed one hour just before the start of the interruption and / or for a period not to exceed two hours just after the end of the interruption period. The utility may allow such temporary increases in monthly On-Peak Billed Demand for a period not to exceed one hour just before the start of the interruption and / or for a period not to exceed two hours just after the end of the interruption period but only with prior written permission from the utility's Power Plant Operator, which may be withheld for any reason. The difference between the temporary peak demand and the monthly On-Peak Billed Demand is defined as "Excess kWh". The demand charge for such excess kWh shall be six (6) cents per kilowatt per hour. All other normal tariff charges shall apply including on-peak energy charges applicable during such approved periods. This section is not applicable if interruption is due to economic reasons as described below. Provisions of this section shall be reviewed with the PSCW prior to March 1 2006.

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MANITOWOC PUBLIC UTILITIES

Interruptible Rider – Cancelled 1/1/07 (continued)

7. When the interruption is due to economic reasons, the utility, at the time of notification to the customer of interruption, will inform the customer of the availability of an Energy Buy-Through provision at highest of the two rates given below for all Supplemental Energy consumed during the interruption period. Supplement Energy is that energy used by the customer above their Contract Firm Demand or Firm Demand in every 15-minute interval during the period of interruption. The utility may, at its discretion, offer Energy Buy-Through options at 10.0 cents per kWh or at the utility’s cost of energy at times when the cost of energy delivered to the utility exceeds 10.0 cents per kWh. An Energy Buy-Through option will not be available unless the customer has been informed of an interruption by the utility and replied to the utility that an Energy Buy-Through option will be exercised. The Energy Buy-Through energy rate replaces the customer’s normal energy rate and PCAC for all Supplemental Energy purchased during the period of interruption. All customer revenues resulting from Energy Buy-Through transactions shall be credited against the utility’s PCAC.
8. The availability of service under this rate may be limited at the discretion of the utility. Service under this rate may be refused to all interested customers if the utility believes the load to be interrupted will not provide at least 3.0 megawatts of total system load reduction when the utility desires an interruption.
9. The customer shall, at the customer’s expense, install all apparatus and materials necessary for the proper utilization of the power furnished by the utility including disconnect mains and monitoring equipment. All such apparatus shall conform to the utility’s rules and regulations and shall be kept in suitable operating condition at all times. This apparatus shall include, at a minimum, a meter designed to provide the customer and the utility with real-time demand data as well as a dedicated phone line for automatic meter reading anytime.
10. A customer choosing to operate electric-generating equipment to supply the interruptible load shall not connect it in parallel with the utility’s system without the written consent of the utility nor without providing, at the customer’s expense, protective and synchronizing equipment satisfactory to the utility in accordance with the utility’s electric service rules regarding customer-owned electric-generating equipment. The customer shall meet all current and future distribution generation interconnection and / or operating guidelines promulgated by the Public Service Commission of Wisconsin, whether specifically cited in the utility’s rules and regulations or not. However, the utility will generally allow on-site customer generation to be used to reduce the customer’s monthly On-Peak Billed Demand on the system and to serve customer Interruptible Load during periods of interruption.

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MANITOWOC PUBLIC UTILITIES

Interruptible Rider – Cancelled 1/1/07 (continued)

11. The utility will limit the length and number of interruptions to no more than 150 hours of interruption during on-peak periods and 36 interruptions per year. The utility will not call interruptions during off-peak periods. The utility shall initiate no less than two interruptions per calendar year. The length of any one interruption shall not exceed 12 hours in length. The utility will attempt to avoid multiple interruptions in one calendar day; however, the utility will not be bound by such limitation. Interruptions due to lightning, wind, and other causes other than intentional interruptions by the utility shall not be considered in determining the hours of interruption nor total number of interruptions.
12. Interruptions are most likely to occur when the utility’s system demand and required operating reserves cannot be supplied by available generating and purchased power resources, or when required purchased power is available, but at a cost higher than the cost of typical peaking generation from utility diesel-fired generation or gas-fired combustion turbine.
13. The customer will pay twice the normal monthly demand charge (without interruptible credit applied) plus the utility’s marginal produced and / or purchased energy cost for Supplemental Energy for the first instance of unauthorized use of electricity. The customer shall pay \$25 per kilowatt for the highest 15-minute kilowatt demand in excess of customer’s Firm Contract Demand during the period of interruption plus the utility’s marginal produced and / or purchased energy cost for Supplemental Energy for each additional instance during any continuous 12-month period after the first instance of unauthorized use of electricity. These charges will be applied only to the billing month in which the interruption occurred. The utility may suspend service to customer under this rate if the customer has three or more instances of unauthorized use of electricity during periods of interruption.
14. The utility shall not be liable for any damages sustained by customer because of interruptions, deficiencies, or imperfections of electric service provided under this rate.
15. Interruptible service shall not be used as standby for any other forms of energy or fuel.
16. Service under this rate shall be furnished only in accordance with the Electric Service Rules and Regulations of the utility.
17. Energy furnished under this rate shall not be resold.

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MANITOWOC PUBLIC UTILITIES

Interruptible Rider – Cancelled 1/1/07 (continued)

- 18. Up to two audit interruptions may be called to satisfy the minimum two interruptions per year. The audit interruptions shall be called at the sole discretion of the utility but shall not exceed one hour in length and the utility shall provide a minimum of a two-hour prior notice of the audit interruption to the customer. The necessity of an audit interruption or acceptance of other means of verifying the customer’s ability to interrupt shall be at the sole discretion of the utility. One audit interruption shall be called near the end of the summer season if no other summer season interruption has occurred, and the other audit interruption shall be called near the end of the non-summer season if no other non-summer season interruption has occurred. Penalty billing will apply as described in Section 13 if an interruption for audit purposes is not successfully completed.
- 19. The utility shall charge the lost revenues from the interruptible credit applied to all customer Contract Interruptible Demand served under this rider to the utility’s PCAC.

INTERRUPTION FORCE MAJEURE - Each customer shall, in accordance with accepted industry practices, operate and maintain equipment and procedures that are necessary to fulfill the interruptible obligations of this rate schedule and associated contracts. However, no customer shall be considered to be in default with respect to failure to accomplish required load interruptions hereunder and shall not be liable to the utility for the penalties for failure to interrupt hereunder, if prevented from actually and with reasonable safety accomplishing the interruption due to acts of God, wars, blockades, insurrections, riots, explosions, fires, floods, lightning, wind, sabotage or by any other similar or dissimilar cause beyond the reasonable control of the customer. In the event that a customer is unable to fulfill any interruption obligations hereunder by reason of such cause or causes, the customer shall use due diligence to remove such inability with reasonable dispatch. This paragraph does not apply to an inability to interrupt due to shortages, or lack of availability, of alternative fuels or the failure of or lack of access to alternative energy or power sources, or due to failure of the customer’s equipment for reasons other than the above specifically excluding from force majeure fires, explosions or other such accidents that originate within the customer’s facility.