

WISCONSIN ELECTRIC POWER COMPANY

Volume 19 – Electric Rates

Revision 1 Sheet 177

Amendment No. 686

Effective In All Areas Served In Wisconsin

Rider AC CTRL

EXPERIMENTAL COMMERCIAL AND INDUSTRIAL CONTROLLED AIR-CONDITIONING RIDER

R

AVAILABILITY

This experimental rider is available to customers taking electric service under rate schedules Cg2, Cg3, or Cp1 who voluntarily consent to the interruption of central air conditioning by the Company.

Also, if a customer has a Cg1 or Cg6 account serving air conditioners controlled under this rider in the same building as air conditioners served under rate schedules Cg2, Cg3, or Cp1, the Cg1 or Cg6 account will be eligible to participate in this rider. Availability is restricted to accounts with single and/or multiple compressor air conditioning units, excluding chillers, that the Company determines can be safely controlled using the Company's standard control equipment. The rider is only available to facilities south of Wisconsin State Highway 64. Accounts participating in rate schedules DfP, PMI or PMI Pool are not eligible for this rider.

This rider shall be offered from 7/1/04 until 10/31/07. The rider will be limited to 20 Accounts on a first-come, first-served basis. The Customer shall contract with the Company to take service under this rider for the specified term, not to exceed the expiration date of this rider. The Company reserves the right to expand participation in or to redesign the program subject to PSCW approval. Customers will be able to terminate the contract without penalty if redesign results in a reduction in the incentive amount.

RATE

For service from May 1st through September 30th during the contract term, a credit of \$0.1634 per ton of air conditioning under Company control per day shall be applied to the Customer's account. Credits are based on \$5.00 per ton of controlled air conditioning per month, where 1 ton of air conditioning equals 12,000 BTU/Hr. Customers remaining on the program for at least twenty-four consecutive months will receive an additional one time payment of \$10.00/ton of air conditioning under Company control.

The nameplate rating of the air conditioning under control will be used to determine the number of tons on which the credit will be paid. Bill credits will not begin before control equipment has been installed.

The Company agrees to waive any additional Billed or Customer demand charges for Customer accounts participating in this rider that the Company determines were caused by the Company's control of air conditioners in this rider. See # 3 in Conditions of Delivery for additional details.

CONDITIONS OF DELIVERY

- (1) Load management service and the availability of credits are at the discretion of the Company and are subject to control system coverage in the area and the ability of the Company to install and operate the required load management equipment. This rider is not applicable to areas where chillers are used to provide air conditioning. This rider will not be available to customers with equipment which, in the Company's sole opinion, is not in good working order. This rider will not be available to customers that have an air conditioning system which significantly exceeds summer cooling requirements, or where the costs of installation of control equipment exceeds the value of the load reduction, as determined by the Company.

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CONDITIONS OF DELIVERY (cont.)

- (2) The Customer may terminate their contract by notifying the Company in writing. Customers who terminate the contract between May 1st and September 30th of their first year of participation will be required to reimburse the Company for the cost of removing any control equipment installed by the Company.
- (3) If the Actual On Peak Demand or Customer Demand (if applicable) for a billing period occurs during or up to one hour after a Company air conditioning control event and the Company determines that the peak was the result of the Company's air conditioning control, the next highest Actual On Peak Demand, or Customer Demand (if applicable), not occurring during or up to one hour after a Company air conditioning control event, will be used to calculate the Billed and/or Customer Demand for the billing period.
- (4) Air conditioners under Company control with one compressor will normally be cycled to run for no less than 50% of the normal time of operation in any 30-minute period when the Company is controlling the air conditioner. For example, units that are sized so that they run continuously under maximum load will be off for 15 minutes in a 30 minute period. Units that are oversized so that they would run for 22 minutes out of a 30 minute period under maximum load will be off for 19 minutes and on for 11 minutes in a 30 minute period. Air conditioners with more than one compressor may be controlled such that the primary compressor is allowed to run without interruption while all other compressors in the unit will be shut off for the entire load management period.
- (5) The Company will provide, install, maintain and pay for all equipment needed to control the Customer's air conditioners for this program. Control equipment will remain the property and responsibility of the Company
- (6) Air conditioning interruptions may occur from May 1st to September 30th of each year.
- (7) Air conditioning interruptions may occur up to a maximum of 300 hours per calendar year.
- (8) The Company must be able to control all air conditioning units serving a common cooling area at the Customer's facility. Air conditioning units that serve either an isolated area within a building or a separate building may be excluded from Company control.

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CONDITIONS OF DELIVERY (cont.)

- (9) Installation of a remote control device on each compressor under Company control is required to participate in the program. No by-pass switches or other sources of cooling which reduce the effectiveness of load control by the Company shall be permitted. Control devices will not be installed where there is an inadequate communications signal, inadequate wiring, or a wiring code violation, where there are physical limitations that prevent access or installation or where the installation does not otherwise meet Company approval. Installation eligibility is determined at the sole discretion of the Company. Accounts using energy management systems to control air conditioning may not be eligible if it is determined by the Company that use of the system will significantly reduce the potential amount of air conditioning under Company control or use of the Company's remote control equipment is incompatible with the energy management system.
- (10) The Customer will allow the Company to install equipment required for monitoring by the Company. The Customer will not be responsible for any additional costs associated with the monitoring. Company monitoring will be done for load research and testing purposes.
- (11) All equipment installed by the Company shall remain the property of the Company. Tampering with or disabling the equipment shall be grounds for termination of the contract.
- (12) Company representatives, upon notifying the Customer and when properly identified, shall have access to Customer's premises at all reasonable times for the purpose of reading meters, making repairs, making inspections, installing monitoring equipment, removing Company's property, or for any other purpose incident to this service.
- (13) The Company shall not be liable for any loss or damage caused by or resulting from any interruption of air conditioning or the installation of required equipment under this tariff.
- (14) The duration and frequency of interruptions shall be controlled by the Company. Interruption will normally occur during peak demand periods. However, interruption may also occur for the purposes of load research, testing, monitoring or at times when necessary, in the Company's sole opinion, to preserve the reliability of the electric grid system.
- (15) Temporary suspension of program participation may be requested by the Customer and approved by the Company when air conditioning equipment under Company control may be out of service for repair. No credits will be paid to the Customer during this period or penalties applied as a result of an approved temporary suspension.
- (16) Except as noted above, all conditions of delivery and rates of the respective rate schedule under which a customer is served shall be applicable.

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