

**RATE 633**  
**RATE FOR ELECTRIC SERVICE**  
**INDUSTRIAL POWER SERVICE – SMALL – HLF**

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**TO WHOM AVAILABLE**

Available to Industrial Customers taking service at Transmission or Subtransmission voltage whose plants are located adjacent to existing electric facilities having Transmission or Subtransmission capacity sufficient to meet the Customer's requirements.

The Customer shall contract for a definite amount of electrical capacity which shall be not less than 10,000 kW and not exceed 25,000 kW. The Company shall not be obligated to supply capacity in excess of that specified in the contract.

Customers taking Back-up, Maintenance and Temporary Services under this Rate Schedule shall be subject to Curtailments when curtailment of the Company's Customers under Rate 631 is insufficient. Service under this Rate Schedule is subject to the conditions set forth in this Rate and the Company Rules. Except for Buy-Through Energy under Temporary Service or Back-up Service, this Rate Schedule shall be subject to other Riders as identified on Appendix A.

**CHARACTER OF SERVICE FOR SUPPLY OF METERED TRANSMISSION OR SUBTRANSMISSION SERVICE**

The Company will supply metered Transmission or Subtransmission service to the extent of the capacity available from its electric supply lines, at such frequency, phase, regulation and voltage as it has available at the location where service is requested.

The Customer, at its own expense, shall furnish, supply, install and maintain, beginning at the point of delivery, all necessary equipment for transmitting, protecting, switching, transforming, converting, regulating, and utilizing said electric Energy on the Premise of the Customer.

The Customer will also supply in accordance with plans and specifications furnished by the Company and at a mutually agreed upon location on the Customer's property, suitable buildings, structures, and foundations to house and support the metering and any protecting, switching, and relaying equipment that may be supplied by the Company.

Any Applicant requiring service differing from that to be supplied by the Company as herein provided shall provide proper converting, transforming, regulating or other equipment upon Applicant's Premise and at Applicant's expense. (See Company Rule 3 for the Company's standard voltages.)

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**CHARACTER OF SERVICE FOR BACK-UP, MAINTENANCE AND TEMPORARY SERVICE**

Subject to the provisions applicable to Back-up, Maintenance or Temporary Service under this Rate Schedule, Customer shall request in writing, which can be via electronic mail, an amount of capacity and the duration of said capacity needed. The Company shall by written notice, which can be via electronic mail, confirm the amount of capacity it is willing to accept as load on its system and the duration of said capacity available to the Customer.

**Back-up Service**

Subject to the requirements of Back-up Service under this Rate Schedule, the amount confirmed by Company shall be deemed firm load, subject to Curtailments. Confirmation of a Customer request for Back-up Service under this Rate Schedule shall not be withheld by the Company provided the request for Back-up Service is made in full conformance with the terms and conditions for Back-up Service under this Rate Schedule.

A Customer with verified electric generation capable of meeting the efficiency standards established for a Cogeneration Facility (“Cogeneration Systems”) may request (including on a pre-qualifying basis) Back-up Service that may only be available for up to forty-five (45) calendar days per Cogeneration System per twelve (12) rolling months. Eligibility for Back-Up Service requires a contract between the Customer and the Company that includes information on the Cogeneration System(s). Customer shall provide initial notice of request of Back-up Service within 60 minutes of event, including (i) information reasonably verifying such event, (ii) expected outage schedule, and (iii) daily notice to Company thereafter during and throughout the conclusion of an event.

**Maintenance Service**

Subject to the requirements of Maintenance Service under this Rate Schedule, the amount confirmed by Company shall be deemed firm load, subject to Curtailments.

**Temporary Service**

Subject to the requirements of Temporary Service under this Rate Schedule, the amount confirmed by Company shall be deemed firm load, subject to Curtailments. To the extent Customer requests Temporary Service and Company denies such a request under this Rate Schedule, Customer may elect to buy-through subject to the Demand and Energy Charges during buy-through provided under this Rate Schedule. Customer may not elect to buy-through under this Rate Schedule if Company has initiated a Curtailment(s) on its system.

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**DETERMINATION OF AMOUNT OF ELECTRIC SERVICE SUPPLIED**

The Supply of Metered Transmission or Subtransmission service under this Rate Schedule shall be measured as to Maximum Demand, Energy Consumption and kVAR by an Interval Data Recorder (IDR) meter to be installed by the Company.

**RATE**

**Supply of Metered Transmission or Subtransmission Service**

Rates charged for service rendered under this Rate Schedule are based upon the measurement of electric Energy at the voltage supplied to the Customer.

The electric service and Energy supplied hereunder shall be billed under a two-part rate consisting of a Demand Charge plus an Energy Charge and applicable Riders as identified in Appendix A. The Demand Charge and Energy Charge are as follows:

**Demand Charge**

\$24.72 per kW per month of Billing Demand

**Energy Charge**

\$0.059892 per kWh for Energy used in the month for the first 600 hours of the Billing Demand in the month

\$0.056020 per kWh for Energy used in the month in excess of 600 hours up to and including 660 hours of Billing Demand in the month

\$0.054483 per kWh for Energy used in the month in excess of 660 hours of the Billing Demand in the month

**Back-up Service**

**Demand Charge**

The Demand Charge shall be the Supply of Metered Transmission or Subtransmission service Demand Charge under this Rate Schedule, divided by the number of calendar days within the applicable calendar month, per kW per day.

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**Back-up Service (Continued)**

Energy Charge

All kWhs used for Back-up Service shall be subject to an Energy Charge equal to Real-Time LMP plus a non-fuel adder of \$0.002332 per kWh and considered first through the meter.

All Energy for Back-up Service shall be considered first through the meter and billed on an hourly basis at the lower of: (i) one hundred percent (100%) Load Factor for the confirmed Back-up Service capacity, or (ii) the total energy consumed by the Customer under this Rate Schedule, during the period in which Back-up Service capacity was taken by the Customer.

**Maintenance Service**

For Customers (i) requesting service in writing at least twenty (20) days in advance of the need for Maintenance Service, (ii) requesting service for days not including June, July, August and September, and (iii) maintaining such requested daily schedule without material change, the following charges shall apply for up to a maximum of sixty (60) calendar days in any twelve (12) month rolling period:

Demand Charge

For Customers requesting service for January, May and/or December, the Demand Charge shall be \$0.62 per kW per day.

For Customers requesting service for February, March, April, October and/or November, the Demand Charge shall be \$0.35 per kW per day.

Energy Charge

The Energy Charge for all maintenance kWhs for Customers under this Rate Schedule shall be the base rate Energy Charge above. Energy Charge for the Supply of Metered Transmission or Subtransmission service for all Energy for Maintenance Service shall be billed on an hourly basis and considered first through the meter.

To the extent Customer seeks to recall the amount of Maintenance Service confirmed by Company, Customer shall provide at least forty-eight (48) hours prior notice. In such instance, Company shall confirm to Customer the amount recalled within twenty-four (24) hours of notice of recall and such recalled amounts shall not contribute towards the maximum days permitted under this Rate Schedule.

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**Temporary Service**

**Demand Charge – Except as defined for buy-through described below**

- \$0.78 per kW per day for the first thirty (30) calendar days of temporary Demand taken in any twelve (12) month rolling period;
- \$1.16 per kW per day for the second thirty (30) calendar days of temporary Demand taken in any twelve (12) month rolling period;
- \$1.56 per kW per day for the third thirty (30) calendar days of temporary Demand taken in any twelve (12) month rolling period; and
- \$3.12 per kW per day for all calendar days in excess of ninety (90) calendar days of temporary Demand taken in any twelve (12) month rolling period.

**Energy Charge – Except as defined for buy-through described below**

The Energy Charge for all temporary kWhs for Customers under this Rate Schedule shall be the base rate Energy Charge for the Supply of Metered Transmission or Subtransmission service for all Energy for Temporary Service billed on an hourly basis and considered first through the meter.

All Energy for Temporary Service shall be billed on an hourly basis at the lower of: (i) one hundred percent (100%) Load Factor for the confirmed Temporary Service capacity, or (ii) the total Energy consumed by the Customer under this Rate Schedule, during the period in which Temporary Service capacity was taken by the Customer.

**Buy-Through Temporary Service**

**Demand Charge**

There shall be no Demand Charge for Temporary Service during a buy-through event.

**Energy Charge**

All kWhs used for Temporary Service during buy-through shall be subject to an Energy Charge equal to Real-Time LMP plus a non-fuel Energy Charge of \$0.002332 per kWh.

All Energy for Temporary Service shall be considered first through the meter and billed on an hourly basis at the lower of: (i) one hundred percent (100%) Load Factor for the requested Temporary Service capacity, or (ii) the total Energy consumed by the Customer under this Rate Schedule, during the period in which Temporary Service capacity was taken with buy-through by the Customer.

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**Buy-Through Temporary Service (Continued)**

Subject to the amount requested by Customer, during a buy-through event there is no cap on kWhs imported or duration of buy-through for that applicable operating day. Buy-through days do not count toward the number of days of Temporary Service during any rolling twelve (12) month period.

**DETERMINATION OF DEMAND**

**Supply of Metered Transmission or Subtransmission Service**

The Customer's Demand of electric Energy supplied shall be determined for each half-hour interval of the month and said Demand in kW for each half-hour interval shall be two (2) times the number of kWhs recorded during each half-hour interval. The phrase "half-hour interval" shall mean the thirty (30) minute period beginning or ending on a numbered clock hour as indicated by the clock controlling the metering equipment.

**DETERMINATION OF BILLING DEMAND**

**Supply of Metered Transmission or Subtransmission Service**

The Billing Demand for the month shall be the greatest of the following:

- (1) Seventy-five percent (75%) of the Contract Demand to serve the Customer for the Billing Period.
- (2) The maximum half-hour Demand registered for the Billing Period during the On-Peak Hours subtracting from the Demand for each half-hour interval of the On-Peak Hours of the Billing Period the Back-up, Maintenance and Temporary capacity confirmed for such half-hour interval.
- (3) The largest of the number of kW determined by subtracting from the Demand for each half-hour interval of the Off-Peak Hours of the Billing Period the Surplus Capacity allotted and/or Back-up, Maintenance and Temporary capacity confirmed for such half-hour interval.
- (4) Seventy-five percent (75%) of the highest Billing Demand established in the immediately preceding eleven (11) months, adjusted as follows, if the Company's obligation to serve is increased or decreased. Each time the Company's obligation to serve is increased or decreased, the highest Billing Demand established in the immediately preceding eleven (11) months shall be adjusted by a ratio of the Company's current obligation to serve to the Company's obligation to serve in the month of the highest Billing Demand before multiplying by seventy-five percent (75%).

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**Back-up, Maintenance Service and Temporary Service**

The Billing Demand for the day for Maintenance Service shall be the greater of (i) the granted Maintenance Service capacity times eighty (80%) or the actual amount of Maintenance Service taken by the customer above the Transmission or Subtransmission Billing Demand.

The Billing Demand for the day for Back-up and Temporary Service shall be the confirmed amount of Back-up, Maintenance and Temporary Service.

To the extent the Company has confirmed a recall of Maintenance Service under the provisions of this Rate Schedule, Customer shall not be charged for the amount recalled.

**DETERMINATION OF LAGGING kVAR**

**Supply of Metered Transmission or Subtransmission Service**

The Customer's requirements in Lagging kVAR shall be determined for each half-hour interval of the month and shall be two (2) times the number of Lagging kVAR Hours recorded during each half-hour interval. No effect whatsoever shall be given hereunder to Customer's leading kVAR, if any.

**ADJUSTMENT FOR CUSTOMER'S PEAK HOURS LAGGING kVAR**

The number of kVAR shall be computed each month for a Power Factor of eighty-five percent (85%) Lagging using as the basis of said computation, the Customer's Maximum Demand for the month during the Peak Period hours thereof.

If the Customer's Maximum Peak Period Requirement in Lagging kVAR for the month is greater than the number of kVAR at a Power Factor of eighty-five percent (85%) Lagging, as determined above, an amount equal to the product of \$0.32 times said difference shall be added to the Customer's Bill.

If the Customer's Maximum Peak Period Requirement in Lagging kVAR for the month is less than the number of kVAR at a Power Factor of eighty-five percent (85%) Lagging, as determined above, an amount equal to the product of \$0.32 times said difference shall be deducted from the Customer's Bill.

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**ADJUSTMENT FOR CUSTOMER'S PEAK HOURS LAGGING kVAR (Continued)**

The Customer agrees to control and limit Maximum Off-Peak (weekdays 22:00 – 06:00 CST, all weekend hours, and all hours during NERC holidays) Period Requirement in Lagging kVAR so that, as related to the Maximum Off-Peak Period kW Demand, it shall not exceed in ratio or numerical proportion the ratio of the Maximum Peak Period Requirement in Lagging kVAR and the Maximum Peak Period kW Demand; except that if such Maximum Off-Peak Period kW Demand is less than the Maximum Peak Period kW Demand, the Customer's Maximum Off-Peak Period Requirement in Lagging kVAR may equal the Customer's Maximum Peak Period Requirement in Lagging kVAR.

**CUSTOMER LOAD INFORMATION**

**Supply of Metered Transmission or Subtransmission Service**

If requested by the Company, the Customer shall cooperate with the Company by furnishing the Company in writing on or before the first day of August each year a statement of the Customer's estimates of the Customer's future load on the Company by months for a subsequent period of thirty (30) months.

The Customer shall also make a good faith effort to provide the Company in writing with an accurate hourly load forecast on a daily basis.

The Customer shall notify the Company in writing of any material increase in load no less than sixty (60) days prior to the addition of that load.

The Customer's dispatcher shall cooperate with the Company's dispatcher by furnishing, from time to time, such load information and operating schedules which will enable the Company to plan its generating operations.

The accuracy of the information herein called for is not guaranteed by the Customer and reliance thereon shall be at the sole risk of the Company.

Failure by the Customer to provide requested information on an ongoing basis may result in Customer being moved to another Rate Schedule upon ninety (90) days' notice from the Company to Customer.



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**SURPLUS CAPACITY**

The Company, at its option, may make available from time to time to the Customer without any additional Demand Charge, “Surplus Capacity” that may be available in the generating, transmission, and distribution system of the Company used in serving the Customer. Such Surplus Capacity allotted by the Company will not exceed (i) fifteen percent (15%) of Contract Demand, or (ii) the number of kW that the Customer requests and is ready, able, and willing to use, and when allotted, shall be available to the Customer only during the Off-Peak Hours.

1. The Off-Peak Hours under this Rate Schedule shall be as follows:

Off-Peak Hours are defined as: weekdays 22:00 – 06:00 CST, all weekend hours, and all hours during NERC holidays. However, by written notice, the selected Off-Peak Hours as it relates to Surplus Capacity under this Rate Schedule may be amended but shall not be less than a total of nine (9) hours or more than a total of thirteen (13) hours during any weekday, Monday through Friday, not less than nine (9) hours on Saturday, and twenty-four (24) hours on Sunday, New Year’s Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. The periods of time so selected by the Company shall be such that at no time shall a period of such hours be less than six (6) consecutive hours in duration.

2. The quantity of Surplus Capacity available to the Customer shall be allotted as follows:

The quantity of Surplus Capacity allotted to the Customer by the Company and the hours to be included in the Off-Peak Hours will be communicated by written notice to the Customer from the Company, and will be available to the Customer for the period of time specified, but not in excess of three (3) calendar months. The Company may, from time to time, upon not less than one (1) hours’ notice, reduce or withdraw in entirety, the quantity of Surplus Capacity allotted in the Off-Peak Hours of any day or days.

3. The “On-Peak Hours” shall be all times not included in the Off-Peak Hours under this Rate Schedule.

**GENERAL TERMS AND CONDITIONS OF SERVICE**

1. **Contract for Supply of metered Transmission and Subtransmission service**

Any Customer requesting service under this Rate Schedule shall enter into a written contract for an initial period of not less than one (1) Contract Year, and such contract shall continue from month to month for a period of not more than five (5) Contract Years thereafter unless terminated by either party giving to the other party sixty (60) days’ prior written notice of the termination of such contract at the end of the initial period or at the end of any calendar month thereafter.

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**GENERAL TERMS AND CONDITIONS OF SERVICE (Continued)**

Notwithstanding the foregoing, contracts under this Rate Schedule shall terminate in accordance with Rule 5.8 of the Company Rules.

**2. Contract For Back-Up Service**

Any Customer requesting Back-Up Service under this Rate Schedule shall enter into a written contract for an initial period of not less than one (1) Contract Year, and such contract shall continue from month-to-month thereafter unless cancelled by either party giving to the other party sixty (60) days prior written notice of the termination of such contract at the end of the initial period or at the end of any calendar month thereafter.

Notwithstanding the foregoing, contracts under this Rate Schedule shall terminate in accordance with Rule 5.8 of the Company Rules.

**3. Default Schedule**

Notwithstanding the foregoing conditions of service under this Rate Schedule, service shall be subject to the provisions of Rule 5.9 of the Company Rules.

**RULES AND REGULATIONS**

Service hereunder shall be subject to the Company Rules, IURC Rules and for Transition Service MISO Rules.