

**RATE 634**  
**RATE FOR ELECTRIC SERVICE**  
**INDUSTRIAL POWER SERVICE FOR**  
**AIR SEPARATION & HYDROGEN PRODUCTION MARKET CUSTOMERS**

No. 1 of 7 Sheets

**TO WHOM AVAILABLE**

Available to Industrial Customers primarily in the air separation and hydrogen production process industry whose facilities are located in Indiana adjacent to existing sub-transmission and transmission electric facilities having capacity sufficient to meet the Customer's requirements, subject to the conditions set forth in this Rate Schedule and the Company Rules. Total capacity available under this Rate Schedule is limited to 329,000 kilowatts.

Customer shall contract for an initial definite amount of electrical capacity which shall be no less than 150,000 kilowatts, which may include the aggregation of multiple delivery points to facilitate interruption of load. Customer shall also contract for at least 40 percent (40%) of its total electric load as interruptible in accordance with Option D under Rider 675.

**CHARACTER OF SERVICE**

The Company will supply a primary metered transmission 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 required.

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 premises 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.

**DETERMINATION OF AMOUNT OF ELECTRIC SERVICE SUPPLIED**

The electric service to be supplied under this Rate Schedule shall be measured as to Maximum Demand, Energy Consumption and Reactive Kilovolt-Amperes by an IDR Meter to be installed by the Company.

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**CURTAILMENT AND INTERRUPTIONS**

Customer shall be subject to Interruptions and Curtailments as follows:

1. Curtailments of demand over 276,000 kilowatts shall be permitted under this Rate Schedule without limitation as to quantity or duration; and
2. Interruptions of demand over 276,000 kilowatts shall be permitted under this Rate Schedule subject to the following limitations:
  - a. No more than one (1) per day,
  - b. No more than 12 consecutive hours,
  - c. No more than two (2) consecutive days,
  - d. No more than three (3) in any seven (7) days of the week,
  - e. No more than 100 hours per rolling 365 days
3. The demand (kW) that is available for Interruptions and Curtailments under this Rate Schedule is equal to the positive difference between actual demand and 276,000 kilowatts, and
4. This Rate Schedule does not alter or limit Company from calling Curtailments pursuant to Rule 13 of the General Rules and Regulations Applicable to Electric Service. To the extent that Customer takes service under Rider 675 – Interruptible Industrial Service Rider, this Rate Schedule does not alter Customer’s Interruptible Contract Demand under Rider 675 nor does it limit Company from calling Curtailments or Interruptions pursuant to Rider 675. Curtailments and Interruptions under this Rate Schedule are separate and independent from any Curtailments and Interruptions called under Rider 675.
5. The Company shall provide at least one (1) hour advanced notice before an Interruption or Curtailment. Adjustments to the requested Interruptible demand may be increased with a minimum of one (1) hour notice during the Interruption, but in no event shall Company request Customer to reduce its demand below 276,000 kilowatts during an Interruption called under Rate Schedule. Once notice is given to a Customer, an Interruption of a minimum of at least four (4) consecutive hours in length will be deemed to have occurred for purposes of the above limits even if the Company subsequently provides a notice of cancellation of such Interruption.
6. Company may call an Interruption when the applicable real-time LMPs for the Company’s load zone are reasonably forecasted by the Company to be in excess of the Company’s current Commission approved purchased power benchmark that is utilized to develop the Company’s fuel cost charge under Rider 670. Company shall provide a good faith estimate of the duration of an Interruption based upon the information available to Company.

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**12/30/2014**

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**CURTAILMENT AND INTERRUPTIONS (CONTINUED)**

Customers may elect to buy-through an Interruption subject to the Energy Charge provided below.

**RATE**

The Rates for electric service rendered under this 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 three-part rate consisting of a Demand Charge plus an Energy Charge plus applicable Riders. The Demand Charge and Energy Charge are as follows:

**Demand Charge**

The Demand Charge for any month shall be:

\$16.00 per kilowatt for all kilowatts of Contract Demand (Billing Demand) in the month.

**Energy Charge**

\$0.033383 per kilowatt hour for all energy used in any hour below the Customer's Contract Demand.

\$0.045614 per kilowatt hour for all energy used in any hour above the Customer's Contract Demand up to and including 225,000 kW.

\$0.041737 per kilowatt hour for all energy used in any hour above 225,000 kW.

**During Interruptions**, all kilowatt hours used in excess of the integrated hourly demand of 276,000 kilowatts shall be subject to an energy charge equal to the Real-Time LMP for the Company's load zone plus a non-fuel energy charge as follows:

Rate 634: \$0.003009 per kilowatt hour.

Prior to 9 AM CST day-ahead, a Customer may elect in writing to Company to pay the Day-Ahead LMP for the Company's load zone in place of the Company's Real-Time LMP for the Company's load zone for any energy taken by the Customer pursuant to this Rate during any Interruptions that occur for that operating day. These charges shall be separate and distinct from any energy charges assessed under Rider 675 and Rider 675 energy charges shall not apply to kilowatt hours used in excess of the integrated hourly demand of 276,000 kilowatts.

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**DETERMINATION OF CONTRACT DEMAND**

For purposes of this Rate Schedule, the on-peak hours shall be (i) 11 a.m. Central Standard Time through and including 7 p.m. Central Standard Time during the months of June, July, August and September and (ii) 1 p.m. Central Standard Time through and including 9 p.m. Central Standard Time during January, February March, April, May, October, November and December, all excluding Saturdays, Sundays, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.

Prior to Customer taking service under this Rate Schedule, Customer and Company shall enter into a contract that identifies the initial standard rate Contract Demand. Thereafter, Customer may, upon 60 days' notice to Company, elect to increase its Contract Demand (Billing Demand). Beginning twenty-four (24) months after the effective date of this Rate Schedule listed below, Customer shall have a one-time option to, upon 60 days' notice to Company, reduce its Contract Demand (Billing Demand) by up to 10%. Thereafter, if Customer's average on-peak demand levels recorded for each half hour interval during any three consecutive months exceed Customer's initial standard Contract Demand, then the Contract Demand (Billing Demand) shall revert back to the initial standard Contract Demand identified in the contract.

**DETERMINATION OF DEMAND**

The Customer's demand of electric energy supplied shall be determined for each half-hour interval of the month and said demand in kilowatts for each half-hour interval shall be two times the number of kilowatt hours recorded during each such 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 LAGGING REACTIVE KILOVOLT AMPERES**

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

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**ADJUSTMENT FOR CUSTOMER'S PEAK PERIOD LAGGING REACTIVE KILOVOLT AMPERES**

The number of Reactive Kilovolt Amperes shall be computed each month for a Power Factor of 85% lagging using as the basis of said computation the Customer's maximum kilowatt demand for the month during the Peak Period hours thereof.

If the Customer's Maximum Peak Period Requirement in Lagging Reactive Kilovolt Amperes for the month is greater than the number of Reactive Kilovolt Amperes at a Power Factor of 85% lagging, determined as above, an amount equal to the product of \$0.30 multiplied by said difference shall be added to the Customer's bill.

If the Customer's Maximum Peak Period Requirement in Lagging Reactive Kilovolt Amperes for the month is less than the number of Reactive Kilovolt Amperes at a Power Factor of 85% lagging, determined as above, an amount equal to the product of \$0.30 multiplied by said difference shall be deducted from the Customer's bill.

The Customer agrees to control and limit Maximum Off-Peak Period Requirement in Lagging Reactive Kilovolt Amperes so that, as related to the Maximum Off-Peak Period Kilowatt Demand, it shall not exceed in ratio or numerical proportion the ratio of the Maximum Peak Period Requirement in Lagging Reactive Kilovolt Amperes and the Maximum Peak Period Kilowatt Demand; except that if such Maximum Off-Peak Period Kilowatt Demand is less than the Maximum Peak Period Kilowatt Demand, the Customer's Maximum Off-Peak Period Requirement in Lagging Reactive Kilovolt Amperes may equal the Customer's Maximum Peak Period Requirement in Lagging Reactive Kilovolt Amperes.

**CUSTOMER LOAD INFORMATION**

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 its estimates of the Customer's future load on the Company by months for a subsequent Period of thirty (30) months.

The Customer shall make a reasonable effort to provide the Company in writing with a reasonably accurate hourly load forecast on a daily basis.

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

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**CUSTOMER LOAD INFORMATION (CONTINUED)**

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.

Failure to comply with requested information on an ongoing basis may result in Customer being moved to another Rate Schedule, upon ninety days written notice to Customer.

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.

**CUSTOMER'S FAILURE TO COMPLY WITH REQUESTED INTERRUPTIONS OR CURTAILMENT**

A Customer is deemed to have failed to comply with a Curtailment or Interruption when the Customer's current integrated Demand, as measured by the meters installed by the Company, has not decreased to a level of the higher of (i) 276,000 or (b) the previous hour's integrated hourly demand immediately preceding notice less the amount of Curtailment or Interruption requested under this Rate Schedule.

If a Customer fails to comply with a Curtailment, Customer's Contract Demand (Billing Demand) shall be equal to the highest of Customer's actual demand levels recorded for each half hour interval during Curtailment. In addition, a Customer failing to comply with a Curtailment shall be subject to the above energy charge during a Curtailment and, the Customer shall be liable for any charges and/or penalties from any outside agency(ies) or duly applicable organization including MISO, FERC and ReliabilityFirst Corporation for failure to comply with a Curtailment. Penalties and charges may be, but are not limited to, penalties associated with disqualification as a Load Modifying Resource.

For Interruptions, the only consequence of such compliance failure will be that the Customer will be deemed to have elected to buy-through its Interruption pursuant to the Energy charge under this Rider to the extent the Customer failed to interrupt its demand.

**GENERAL TERMS AND CONDITIONS OF SERVICE**

Any Customer requesting service under this Rate Schedule shall enter into a written contract for an initial period of not less than three years, and such contract shall continue thereafter for a total period of not more than ten years unless terminated by either party giving to the other at least one year prior written notice of the termination of such contract.

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

The Delivery Points for electric power and energy delivered under this tariff and contract shall be at the sole discretion of the Company.

**RULES AND REGULATIONS**

Service hereunder shall be subject to the Company Rules and IURC Rules.