

East Central Energy

Rate schedule C&I

C&I Interruptible Service

Effective: March 2019 revenue month
Energy bills due in April

Availability

This service is available to all non-residential members who agree to control their electrical usage in accordance with the terms of either control alternative discussed below. To receive service under this rate, the member must maintain a minimum of 50 kilowatts of controllable load, and the controllable load must remain such as to provide adequate load reduction when requested. Service is subject to the established rules and regulations of East Central Energy (ECE) and requires a service agreement between the member and ECE. Supplying service to another party is prohibited.

Character of service

Three-phase, 60 hertz, at primary or available secondary voltages.

Phase-out protection

All electric lines are subject to single-phasing due to downed lines, recloser operations, dig-ins, equipment failure or accident. All members taking three-phase service should install single-phase or "phase-out" protection on main panels, motors or other equipment sensitive to single-phase outages.

Control alternatives

Participation in the C&I Interruptible Service Rate is available through either full interruptible or partial interruptible control alternatives. This C&I interruptible program provides ECE and GRE with the ability to reduce its capacity and energy requirements during peak load conditions by interrupting all or a portion of a members electrical load. ECE has the right to control loads under either of the two options that follow for up to 300 hours per calendar year. ECE will make an effort to contact members by either telephone, text message, or other electronic notification using the contact information provided by the member. ECE will send out control notification at least 30 minutes prior to a control period. It is the members' responsibility to notify ECE when changes to their contact information is necessary. ECE will record all control period notification phone, text and other electronic correspondence to ensure member compliance. At the time of the notice, the member will ensure that their load is being controlled within 30 minutes or by the start time of the control period given them by ECE or GRE.

1. Full Interruptible Alternative -- Under the full interruptible control alternative, the member agrees to interrupt their entire electrical energy usage for the duration of any control periods. The member may attain this full interruption through curtailment or with the use of on-site generation.

2. Partial Interruptible Alternative -- Under the partial interruptible control alternative, the member agrees to reduce a minimum of 50 kW of their electrical energy usage for the duration of any control periods. The member may attain this partial interruption through curtailment or with the use of on-site generation. During a control period, the member shall reduce their load to a level not in excess of a Predetermined Demand Level (PDL). The PDL may be adjusted by the member only once in a calendar year. PDL adjustments may not be made during the months of May, June, July, August or September.

Monthly rate

Facilities Charge:	Member Specific
Basic Service Charge:	\$90.00

Demand Charge:	
Peak Period Demand Charge	
Winter (Dec.-Feb.)	\$21.70/kW
Spring (March-May)	\$15.30/kW
Summer (June-Aug.)	\$28.09/kW
Fall (Sept.-Nov.)	\$15.30/kW
Excess Demand Charge	\$ 5.00/kW
Base Demand Charge:	\$ 4.85/kW

Energy Charge:	5.65 cents/kWh
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Plus applicable sales tax

Peak period demand

1. Full Interruptible Alternative -- The monthly peak period demand under the full interruptible control alternative will be the highest monthly kilowatt demand established by the member for any period of 60 consecutive minutes occurring during a control period. In a month with no control periods, the member's peak period demand under this alternative will be zero.
2. Partial Interruptible Alternative -- The monthly peak period demand under the partial interruptible control alternative will be the highest monthly kilowatt demand established by the member for any period of 60 consecutive minutes occurring during a control period. In a month with no control periods, the monthly peak period demand under the partial interruptible control alternative will be the agreed-upon PDL.

Base demand

The base demand shall be the maximum kilowatt demand (subject to power factor adjustment) established by the member for any period of 15 consecutive minutes during the month for which the bill is rendered, as indicated or recorded by a demand meter.

Excess demand charge

If in a month with one or more control periods the member fails to meet the obligation of the appropriate control alternative, the excess demand charge will be invoked. The member must reduce their demand to zero on the full interruptible alternative or to the PDL on the partial interruptible alternative for the entire duration of such control periods. Under the full interruptible alternative, the excess demand charge will be added to the peak period demand that exceeds zero. For the partial interruptible alternative, the excess demand charge will be added to the peak period demand that exceeds the PDL. The excess demand charge is applied once per month.

If a member fails to reduce their demand to zero on the full interruptible alternative or to the PDL on the partial interruptible alternative for the entire duration of such control periods during a second month in the contract year, the excess demand charge will be added to the peak period demand charge. In full or partial interruptible alternatives a PDL will be assigned to the account, which will be equal to the highest metered demand of any control period of the second month in the contract year a member fails to control. This PDL will remain effective until January 1.

If a member fails to reduce their demand to zero on the full interruptible alternative or to the PDL on the partial interruptible alternative for the entire duration of such control periods during a third month in the contract year, ECE will evaluate the failure and determine if the member is eligible for continued participation under this rate schedule. In the event a member experiences persistent problems controlling load, ECE reserves the right to remove the member from this rate schedule and place the member on the applicable firm service rate schedule.

Fuel credit

Fuel credits may be provided under the terms and conditions specified by ECE's wholesale power supplier Great River Energy (GRE). Members with generator backup will be reimbursed for fuel incurred for GRE-initiated load control that exceeds 80 hours in a billing year. The fuel cost reimbursement will be based on kWh generated during the time of the GRE-initiated load control. GRE determines the kWh generated during the control periods by multiplying the generator output (kW) at the time of the interruption by the number of hours of the interruption. The fuel credit reimbursement will be based on the unbranded contract price for low sulfur #2 diesel fuel at the Minneapolis Terminal Pricing Point and the average heat rate for diesel generators of 8,500 BTU's/kWh converted to a cost/kWh.

Power factor

The member agrees to maintain unity power factor as nearly as practicable. Should measurements indicate that the average power factor for any month be less than 95%, the base demand for billing purposes will be adjusted by multiplying such by 95% and dividing the product by the average power factor for the month. The power factor adjustment, if applicable, will be applied to any consumer with a base demand exceeding 250 kilowatts for three consecutive months and thereafter, until such a time that the monthly base demand is less than 250 kilowatts for 12 consecutive months.

$$\text{Formula: Adjusted Demand Charge} = ((\text{Base Demand} \times 95\%) \div \text{Actual PF}\%) \times \text{Base Demand Charge}$$

Metering

Appropriate electronic demand and energy metering equipment will be installed and maintained by ECE. The member shall provide access to an activated analog phone line to the meter for remote meter reading. If the phone line is not working ECE will charge an additional manual meter reading fee of \$75.00 for each billing period a manual read is necessary until phone service is repaired. ECE reserves the right to install additional metering to measure generator output directly.

Generator requirements

The generator must be member-owned or leased and permanently mounted on the member site. The generator fuel supply must be adequate for at least 10 hours of operation per day, with the expectation of multiple consecutive days of operation. The interconnection of the generator must conform and be maintained to meet the terms of the Minnesota Interconnect Standards and the member must agree to the terms and conditions of ECE's Distributed Generation and Load Curtailment Program Agreement. ECE does not own or operate any participating member generators and assumes neither responsibility nor liability for fuel, maintenance, environmental or regulatory compliance, zoning restrictions, or other requirements applicable to these generators.

Minimum charge

The minimum monthly charge under the above rate shall be the facilities charge plus the basic service charge where the required transformer capacity is 50 KVA or less. For members requiring additional transformer capacity, the minimum monthly charge will be increased by \$0.75 for each additional KVA, or as calculated by ECE based on the investment and facilities necessary to provide the required capacity.

Taxes/Fees

The rates set forth are based on current applicable taxes and/or fees on the transmission, distribution or sale of electricity allocable to sales as appropriate to be paid by the member.

Power cost adjustment

An adjustment applied as necessary to reflect wholesale power cost fluctuations. The power cost adjustment (PCA) may vary throughout the year and may be applied monthly on a per kWh basis.

Minimum connection period

If a member has been disconnected for a period of less than one year and wishes to have the service reconnected, the member shall pay the basic service charge and any applicable facilities charge for the period the service was disconnected, plus the regular service charge for reconnection and any other special charges as stipulated in a signed contract between ECE and the member.

Bill payment

Payment of the monthly bill shall be made by the due date designated on the bill. Payments made after the due date will be subject to late payment fees as established under ECE's Board Operating Policy EM-6.

Continuity of service

ECE will endeavor to provide continuous service but does not guarantee an uninterrupted and undisturbed supply of electric service. ECE will not be responsible for any loss or damage resulting from the interruption or disturbance of service for any cause other than gross negligence by ECE. ECE will not be liable for any loss of profits or other consequential damages resulting from the use of service or any interruption or disturbance of service. For members participating in this rate schedule and using on-site generators interconnected on an induction basis, ECE will not discriminate against such customers when it stops providing electricity during system emergencies or when it resumes providing electricity.

I, Linda Laitala, Secretary-Treasurer of East Central Energy, do hereby certify that the board of directors adopted this C&I Interruptible Service Rate Schedule February 16, 2001.

Revision dates: 9/23/04, 10/21/04, 2/24/05, 4/21/05, 12/16/05, 1/25/08, 1/20/12, 12/19/14, 12/15/17, 12/14/18

Linda Laitala, Secretary-Treasurer