

RATE SCHEDULES

SCHEDULE RS.....2

This rate shall apply only to electric service to a single-family dwelling (including its appurtenances if served through the same meter), where the major use of electricity is for domestic purposes such as lighting, household appliances, and the personal comfort and convenience of those residing therein.

SCHEDULE LS.....4

Available for service to street and park lighting systems, traffic signal systems, athletic field lighting installations, and outdoor lighting for individual customers.

SCHEDULE GSA.....8

This rate shall apply to the firm power requirements (where a customer's contract demand is 5,000 kW or less) for electric service to commercial, industrial, and governmental customers, and to institutional customers including, without limitation, churches, clubs, fraternities, orphanages, nursing homes, rooming or boarding houses, and like customers. This rate shall also apply to customers to whom service is not available under any other resale rate schedule.

SCHEDULE GSB.....12

These rates shall apply to the firm electric power requirements where a customer's currently effective onpeak or offpeak contract demand, whichever is higher, is greater than 5,000 Kw; provided that the other conditions of this section are met.

SCHEDULE MSB.....18

This rate shall apply to the firm electric power requirements where (a) a customer's currently effective onpeak or offpeak contract demand, whichever is higher, is greater than 5,000 kW but not more than 15,000 kW, and (b) the major use of electricity is for activities conducted at the delivery point serving that customer which are classified with a 2-digit Standard Industrial Classification Code between 20 and 39, inclusive, or classified with 2002 North American Industry Classification System (NAICS) code 5181, or 2007 NAICS codes 5182, 522320, and 541214.

CENTRAL ELECTRIC POWER ASSOCIATION

RESIDENTIAL RATE—SCHEDULE RS

(October 2019)

(Convenience Copy Only – Does not include monthly Fuel Cost Adjustment)

Availability

This rate shall apply only to electric service to a single-family dwelling (including its appurtenances if served through the same meter), where the major use of electricity is for domestic purposes such as lighting, household appliances, and the personal comfort and convenience of those residing therein.

Character of Service

Alternating current, single-phase, 60 hertz. Power shall be delivered at a service voltage available in the vicinity or agreed to by Distributor. Multiphase service shall be supplied in accordance with Distributor's standard policy.

Base Charges Including 2019 Adjustments

Customer Charge: \$15.11 per month

Energy Charge:

Summer Period 8.272¢ per kWh per month

Winter Period 7.954¢ per kWh per month

Transition Period 7.746¢ per kWh per month

Adjustment

The base customer charges and energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

Minimum Monthly Bill

The base customer charge, as adjusted, constitutes the minimum monthly bill for all customers served under this rate schedule except those customers for which a higher minimum monthly bill is required under Distributor's standard policy because of special circumstances affecting Distributor's cost of rendering service.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of the bill that is unpaid after the due date specified on bill may be subject to additional charges under Distributor's standard policy

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, at a single voltage.

Service is subject to Rules and Regulations of Distributor.

CENTRAL ELECTRIC POWER ASSOCIATION

OUTDOOR LIGHTING RATE—SCHEDULE LS

(October 2019)

(Convenience Copy Only – Does not include monthly Fuel Cost Adjustment)

Availability

Available for service to street and park lighting systems, traffic signal systems, athletic field lighting installations, and outdoor lighting for individual customers.

Service under this schedule is for a term of not less than 1 year.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after the due date specified on the bill may be subject to additional charges under Distributor's standard policy.

Base Charges Including 2019 Adjustments

Customer Charge:

Distributor shall apply a uniform monthly customer charge of \$2.50 for service to each traffic signal system and athletic field lighting installation.

Energy Charge:

Summer Period 4.749¢ per kWh per month

Winter Period 4.431¢ per kWh per month

Transition Period 4.224¢ per kWh per month

Adjustment

The base customer charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

PART A—CHARGES FOR STREET AND PARK LIGHTING SYSTEMS, TRAFFIC SIGNAL SYSTEMS, AND ATHLETIC FIELD LIGHTING INSTALLATIONS

Facility Charge

The annual facility charge will be 12% of the installed cost to Distributor's electric system of the facilities devoted to street and park lighting service specified in this Part A. Distributor must recompute such installed cost annually (or more frequently if substantial changes in the facilities are made). One-twelfth of the annual facility charge will be billed to the customer each month. If any part of the facilities has not been provided at the electric system's expense; or if the installed cost of any portion thereof is reflected on the books of another municipality, agency, or department, then the annual facility charge will be adjusted to reflect accurately the remaining cost to be borne by the electric system.

Traffic signal systems and athletic field lighting installations will be provided, owned, and maintained by and at the expense of the customer, except as distributor may agree otherwise, in accordance with the customer charge provisions. The facilities necessary to provide service to such systems and installations will be provided by and at the expense of Distributor's electric system, and the annual facility charge provided for above will apply to the installed cost of such facilities.

Distributor's electric system may provide, own, and maintain traffic signal systems and athletic field lighting installations for the customer's benefit when so authorized by policy duly adopted by Distributor's governing board. In such cases, Distributor may require reimbursement from the customer for a portion of the initial installed cost of any such system or installation, and will require customer to pay a facility charge sufficient to cover all of Distributor's costs (except reimbursed costs, and including appropriate overheads) of providing, owning, and maintaining such system or installation. For athletic field lighting installations, such facility charge will in no case be less than 12% per year of such costs, and will be in addition to the annual facility charge necessary to provide service to such system or installation as provided for in the preceding paragraph.

Lamp Replacement

Traffic signal systems and athletic field lighting installations will be billed and will pay for replacement of lamps and related glassware as provided for in paragraph 1 below.

Street and park lighting customers will be billed and will pay for replacement of lamps and related glassware as provided in paragraph 1 below.

1. Distributor will bill the customer monthly for such replacements during each month at Distributor's cost of materials, including appropriate storeroom expense.
2. Distributor will bill the customer monthly for one-twelfth of the amount by which Distributor's cost of materials, including appropriate storeroom expense, exceeds the product of 3 mills multiplied by the number of kilowatthours used for street and park lighting during the fiscal year immediately preceding the fiscal year in which such month occurs.

Metering

For any billing month or part of such month in which the energy is not metered, or for which a meter reading is found to be in error, or a meter is found to have failed, then, for billing purposes, the energy for that billing month or part of such month will be computed from the rated capacity of the lamps (including ballast), plus 5% of such capacity (to reflect secondary circuit losses), multiplied by the number of hours of use.

Revenue and Cost Review

Distributor's costs of providing service under Part A of this rate schedule are subject to review at any time and from time to time to determine if Distributor's revenues from the charges being applied are sufficient to cover its costs. (Such costs, including applicable overheads, include, but are not limited to, those incurred in the operation and maintenance of the systems provided, and those resulting from depreciation and payments for taxes, tax equivalents, and interest.) If any such review discloses that revenues are either less or more than sufficient to cover said costs, Distributor must revise the above facility charges so that revenues will be sufficient to cover said costs. Any such revision of the annual facility charge provided for in Part A of this rate schedule will be by agreement between Distributor and TVA.

PART B—CHARGES FOR OUTDOOR LIGHTING FOR INDIVIDUAL CUSTOMERS AND SPECIAL OUTDOOR LIGHTING

Facility Charge

Distributor will make available to individual customers certain outdoor lighting fixtures. These fixtures will be provided, owned, and maintained by Distributor. A facility charge, covering Distributor's cost plus margin, will be calculated for each individual fixture. If the costs of providing and maintaining individual fixtures change, Distributor must use the formula set forth below to revise the facility charge for that fixture. If Distributor's facility charge calculations, using the formula set forth below, yield a positive revenue impact, then Distributor must notify TVA of the impact on Distributor's revenue. For a period of six years, Distributor will maintain on the file the facility charge calculations or spreadsheets for audit purposes, and any other historical information as may be reasonably required by TVA for verification.

$$FC_i = \frac{ICR_i + RAC_i + M_i}{12}$$

i = individual fixture

FC = monthly facility charge

ICR = installed cost recovery of fixture

RAC = recurring annual cost of providing and maintaining fixture

M = Distributor's margin (not to exceed 23%)

Additional Facilities and Installations

The calculated facility charge in this Part B is limited to service from a photoelectrically-controlled standard lighting fixture installed on a pole already in place. If the customer wants to have the fixture installed at a location other than on a pole already in place, Distributor may apply an additional monthly charge.

Distributor's electric system may provide, own, and maintain special outdoor lighting installations for the customer's benefit when so authorized by policy duly adopted by Distributor's governing board. In such cases Distributor may require reimbursement from the customer for a portion of the initial installed cost of any such installation.

Lamp Replacements

Replacements of lamps and related glassware will be made in accordance with Distributor's replacement policies, without additional charge to the customer.

Service is subject to Rules and Regulations of Distributor.

CENTRAL ELECTRIC POWER ASSOCIATION

GENERAL POWER RATE--SCHEDULE GSA

(October 2019)

(Convenience Copy Only – Does not include monthly FCA)

Availability

This rate shall apply to the firm power requirements (where a customer's contract demand is 5,000 kW or less) for electric service to commercial, industrial, and governmental customers, and to institutional customers including, without limitation, churches, clubs, fraternities, orphanages, nursing homes, rooming or boarding houses, and like customers. This rate shall also apply to customers to whom service is not available under any other resale rate schedule.

Character of Service

Alternating current, single- or three-phase, 60 hertz. Power shall be delivered at a service voltage available in the vicinity or agreed to by Distributor.

Base Charges Including 2019 Adjustments

1. If (a) the higher of (i) the customer's currently effective contract demand, if any, or (ii) its highest billing demand during the latest 12-month period is not more than 50 kW and (b) the customer's monthly energy takings for any month during such period do not exceed 15,000 kWh:

Customer Charge: \$18.00 per delivery point per month

Energy Charge:

Summer Period 9.831¢ per kWh per month

Winter Period 9.519¢ per kWh per month

Transition Period 9.314¢ per kWh per month

2. If (a) the higher of (i) the customer's currently effective contract demand or (ii) its highest billing demand during the latest 12-month period is greater than 50 kW but not more than 1,000 kW or (b) the customer's billing demand is less than 50 kW and its energy takings for any month during such period exceed 15,000 kWh:

Customer Charge: \$31.50 per delivery point per month

Demand Charge:

Summer Period First 50 kW of billing demand per month, no demand charge

Excess over 50 kW of billing demand per month, at \$16.47 per kW

Winter Period First 50 kW of billing demand per month, no demand charge

Excess over 50 kW of billing demand per month, at \$15.48 per kW

Transition Period First 50 kW of billing demand per month, no demand charge

Excess over 50 kW of billing demand per month, at \$15.48 per kW

Energy Charge:

Summer Period	First 15,000 kWh per month at 9.831¢ per kWh Additional kWh per month at 4.740¢ per kWh
Winter Period	First 15,000 kWh per month at 9.519¢ per kWh Additional kWh per month at 4.449¢ per kWh
Transition Period	First 15,000 kWh per month at 9.314¢ per kWh Additional kWh per month at 4.323¢ per kWh

3. If the higher of (a) the customer's currently effective contract demand or (b) its highest billing demand during the latest 12-month period is greater than 1,000 kW:

Customer Charge: \$125.00 per delivery point per month

Demand Charge:

Summer Period	First 1,000 kW of billing demand per month, at \$15.68 per kW Excess over 1,000 kW of billing demand per month, at \$14.35 per kW, plus an additional \$14.35 per kW per month for each kW, if any, of the amount by which the customer's billing demand exceeds the higher of 2,500 kW or its contract demand
Winter Period	First 1,000 kW of billing demand per month, at \$14.69 per kW Excess over 1,000 kW of billing demand per month, at \$13.36 per kW, plus an additional \$13.36 per kW per month for each kW, if any, of the amount by which the customer's billing demand exceeds the higher of 2,500 kW or its contract demand
Transition Period	First 1,000 kW of billing demand per month, at \$14.69 per kW Excess over 1,000 kW of billing demand per month, at \$13.36 per kW, plus an additional \$13.36 per kW per month for each kW, if any, of the amount by which the customer's billing demand exceeds the higher of 2,500 kW or its contract demand

Energy Charge:

Summer Period	4.741¢ per kWh per month
Winter Period	4.450¢ per kWh per month
Transition Period	4.324¢ per kWh per month

Adjustment

The base demand and energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, such charges shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

Reactive Demand Charges

Reactive demand charges under 3 of the Base Charges will be computed according to the following provisions. If the reactive demand (in kVAR) is lagging during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's highest metered demand occurs, there shall be added to the customer's bill a reactive charge of \$1.46 per kVAR of the amount, if any, by which the reactive demand exceeds 33 percent of such metered demand. If the reactive demand (in kVAR) is leading during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's lowest metered demand (excluding any metered demands which are less than 25 percent of the highest metered demand) occurs, there shall be added to the customer's bill a reactive charge of \$1.14 per kVAR of the amount of reactive demand. Such charges shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Determination of Demand

Distributor shall meter the demands in kW of all customers having loads in excess of 50 kW. The metered demand for any month shall be the highest average during any 30-consecutive-minute period of the month of the load metered in kW. The measured demand for any month shall be the higher of the highest average during any 30-consecutive-minute period of the month of (a) the load metered in kW or (b) 85 percent of the load in kVA plus an additional 10 percent for that part of the load over 5,000 kVA. Such measured demand shall be used as the billing demand under 1 and 2 of the Base Charges and such metered demand shall be used as the billing demand under 3 of the Base Charges, except that the billing demand for any month under 1, 2, or 3 of the Base Charges shall in no case be less than 30 percent of the higher of the currently effective contract demand or the highest billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under this rate schedule shall not be less than the sum of (a) the base customer charge, (b) the base demand charge, as adjusted, applied to the customer's billing demand, and (c) the base energy charge, as adjusted, applied to the customer's energy takings; provided, however, that, under 2 of the Base Charges, the monthly bill shall in no event be less than the sum of (a) the base customer charge and (b) 20 percent of the portion of the base demand charge, as adjusted, applicable to the second block (excess over 50 kW) of billing demand, multiplied by the higher of the customer's currently effective contract demand or its highest billing demand established during the preceding 12 months.

Distributor may require minimum bills higher than those stated above.

Seasonal Service

Customers who contract for service on a seasonal basis shall be limited to 2,500 kW and shall pay the above charges, as adjusted, plus an additional seasonal use charge equal to (1) 1.33¢ per kWh per month under 1 of the Base Charges, (2) the sum of 1.33¢ per kWh for the first 15,000 kWh per month and \$4.00 per kW per month of billing demand in excess of 50 kW under 2 of the Base Charges, and (3)

\$4.00 per kW per month of billing demand under 3 of the Base Charges. Consistent with Distributor's standard policy, the customer may arrange for seasonal testing of equipment during offpeak hours.

For such customers, the minimum bill provided for above shall not apply. Distributor may require additional charges to provide recovery of costs for customer-specific distribution facilities.

Contract Requirement

Distributor may require contracts for service provided under this rate schedule. Customers whose demand requirements exceed 1,000 kW shall be required to execute contracts and such contracts shall be for an initial term of at least 1 year. The customer shall contract for its maximum requirements, which shall not exceed the amount of power capable of being used by customer, and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as provided under the power contract between Distributor and TVA.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

Service is subject to Rules and Regulations of Distributor.

CENTRAL ELECTRIC POWER ASSOCIATION
LARGE GENERAL POWER RATE--SCHEDULE GSB
(October 2019)

(Convenience Copy Only – Does not include monthly Fuel Cost Adjustments)

Availability

These rates shall apply to the firm electric power requirements where a customer's currently effective onpeak or offpeak contract demand, whichever is higher, is greater than 5,000 Kw; provided that the other conditions of this section are met.

Unless otherwise provided for in a written agreement between TVA and the distributor providing service under these rate schedules, for customers served under these rate schedules, the customer's "meter-reading time" shall be 0000hours CST or CDT, whichever is currently effective, on the first day of the calendar month following the month for which a bill under these rate schedules is being calculated. Further, in accordance with TVA-furnished or TVA-approved guidelines or specifications, TVA shall have unrestricted remote access to the metering data at all times, as well as unrestricted physical access to the metering facilities for the purpose of confirming remotely-accessed data during such periods as are specified by TVA.

For a customer requesting that its onpeak contract demand be different from its offpeak contract demand, these rate schedules shall be available only for (1) a new contract, (2) a replacement or renewal contract following expiration of the existing contract, or (3) a replacement or renewal contract or an amended existing contract in which the customer is increasing its demand requirements above the existing contract demand level, but under this item (3) neither the new onpeak nor the new offpeak contract demand shall be lower than the customer's existing contract demand.

The General Power Rate—Schedule GSB rate schedule shall apply to customers with an onpeak or offpeak contract demand, whichever is higher, greater than 5,000 kW, but not more than 15,000 kW.

Character of Service

Alternating current, single- or three-phase, 60 hertz. Power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges Including 2019 Adjustments

Customer Charge: \$1,500 per delivery point per month

Administrative Charge: \$350 per delivery point per month

Demand Charges:

Summer Period

Onpeak Demand \$10.87 per kW of onpeak billing demand per month, plus

Maximum Demand \$5.21 per kW per month of maximum billing demand, plus

Excess Demand \$10.87 per kW per month of the amount, if any, by which (1) the customer's onpeak billing demand exceeds its onpeak contract demand or (2) the customer's offpeak billing demand exceeds its offpeak contract demand, whichever is higher.

Winter Period

Onpeak Demand \$9.90 per kW of onpeak billing demand per month, plus

Maximum Demand \$5.21 per kW per month of maximum billing demand, plus

Excess Demand \$9.90 per kW per month of the amount, if any, by which (1) the customer's onpeak billing demand exceeds its onpeak contract demand or (2) the customer's offpeak billing demand exceeds its offpeak contract demand, whichever is higher.

Transition Period

Onpeak Demand \$9.90 per kW of onpeak billing demand per month, plus

Maximum Demand \$5.21 per kW per month of maximum billing demand, plus

Excess Demand \$9.90 per kW per month of the amount, if any, by which (1) the customer's onpeak billing demand exceeds its onpeak contract demand or (2) the customer's offpeak billing demand exceeds its offpeak contract demand, whichever is higher.

Non-Fuel Energy Charge:

Summer Period

Onpeak 6.513¢ per kWh per month for all metered onpeak kWh, plus

Offpeak

Block 1 4.022¢ per kWh per month for the first 200 hours use of metered onpeak demand multiplied by the ratio of offpeak energy to total energy, plus

Block 2 0.564¢ per kWh per month for the next 200 hours use of metered onpeak demand multiplied by the ratio of offpeak energy to total energy, plus

Block 3	0.223¢ per kWh per month for the hours use of metered onpeak demand in excess of 400 hours multiplied by the ratio of offpeak energy to total energy
Winter Period	
Onpeak	5.378¢ per kWh per month for all metered onpeak kWh, plus
Offpeak	
Block 1	4.244¢ per kWh per month for the first 200 hours use of metered onpeak demand multiplied by the ratio of offpeak energy to total energy, plus
Block 2	0.564¢ per kWh per month for the next 200 hours use of metered onpeak demand multiplied by the ratio of offpeak energy to total energy, plus
Block 3	0.223¢ per kWh per month for the hours use of metered onpeak demand in excess of 400 hours multiplied by the ratio of offpeak energy to total energy
Transition Period	
Onpeak	3.990¢ per kWh per month for all metered onpeak kWh, plus
Offpeak	
Block 1	3.990¢ per kWh per month for the first 200 hours use of metered onpeak demand multiplied by the ratio of offpeak energy to total energy, plus
Block 2	0.564¢ per kWh per month for the next 200 hours use of metered onpeak demand multiplied by the ratio of offpeak energy to total energy, plus
Block 3	0.223¢ per kWh per month for the hours use of metered onpeak demand in excess of 400 hours multiplied by the ratio of offpeak energy to total energy

For the Summer Period, Winter Period, and Transition Period, the offpeak Block 1 nonfuel energy rate shall be applied to the portion, if any, of the minimum offpeak energy takings amount that is greater than the metered energy.

Adjustment

The base demand and energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA.

Facilities Rental Charge

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 36¢ per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 93¢ per kW per month for the first 10,000 kW and 73¢ per kW per month for the excess over 10,000 kW. Such charge shall be applied to the higher of (1) the highest billing demand established during the latest 12-consecutive-month period or (2) the customer's currently effective onpeak or offpeak contract demand, whichever is higher, and shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Reactive Demand Charges

If the reactive demand (in kVAR) is lagging during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's highest metered demand occurs, there shall be added to the customer's bill a reactive charge of \$1.46 per kVAR of the amount, if any, by which the reactive demand exceeds 33 percent of such metered demand. If the reactive demand (in kVAR) is leading during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's lowest metered demand (excluding any metered demands which are less than 25 percent of the highest metered demand) occurs, there shall be added to the customer's bill a reactive charge of \$1.14 per kVAR of the amount of reactive demand. Such charges shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

Determination of Onpeak and Offpeak Hours

Except for Saturdays and Sundays and the weekdays that are observed as Federal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day, and provided further that onpeak hours shall not include hours that fall on November 1 of each year when November 1 falls on any day other than Monday, Onpeak hours for each day shall for purposes of this rate schedule be from 1 p.m. to 7 p.m. during the months of April, May, June, July, August, September and October and from 4 a.m. to 10 a.m. during the months of January, February, March, November, and December. For all other hours of each day and all hours of such excepted days shall be offpeak hours. Such times shall be Central Standard Time or Central Daylight Time, whichever is then in effect. Said onpeak and offpeak hours are subject to change by TVA. In the event TVA determines that such changed onpeak and offpeak hours are appropriate, it shall so notify Distributor at least 12 months prior to the effective date of such changed hours.

Determination of Onpeak and Offpeak Demands, Maximum Metered Demand, and Energy Amounts

The onpeak and offpeak kWh for any month shall be the energy amounts taken during the respective hours of the month designated under this rate schedule as onpeak and offpeak hours; provided, however, that notwithstanding the metered energy amount, the offpeak energy for any month shall in no case be less than the product of (1) the offpeak billing demand as calculated in the last paragraph below and (2) 110 hours (reflecting a 15 percent load factor applied to the average number of hours in a month).

Distributor shall meter the onpeak and offpeak demands in kW of all customers taking service under this rate schedule. The onpeak metered demand and offpeak metered demand for any month shall be determined separately for the respective hours of the month designated under this rate schedule as onpeak and offpeak hours and, in each case, shall be the highest average during any 30-consecutive-minute period beginning or ending on a clock hour.

Except as provided below, (1) the onpeak billing demand shall be the highest onpeak metered demand in the month, (2) the offpeak billing demand shall be the highest offpeak metered demand in the month, and (3) the maximum billing demand shall be the higher of the onpeak billing demand or offpeak billing demand in the month.

The onpeak billing demand shall in no case be less than the sum of (1) 30 percent of the first 5,000 kW and (2) 40 percent of the next 20,000 kW, (3) 50 percent of the next 25,000 kW, (4) 60 percent of the next 50,000 kW, (5) 70 percent of the next 100,000 kW, (6) 80 percent of the next 150,000 kW, and (7) 85 percent of all kW in excess of 350,000 kW of the higher of the currently effective onpeak contract demand or the highest onpeak billing demand established during the preceding 12 months.

The offpeak billing demand shall in no case be less than the sum of (1) 30 percent of the first 5,000 kW and (2) 40 percent of the next 20,000 kW, (3) 50 percent of the next 25,000 kW, (4) 60 percent of the next 50,000 kW, (5) 70 percent of the next 100,000 kW, (6) 80 percent of the next 150,000 kW, and (7) 85 percent of all kW in excess of 350,000 kW of the higher of the currently effective offpeak contract demand or the highest offpeak billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under this rate schedule, excluding any facilities rental charges and any reactive charges, shall not be less than the sum of (1) the base customer charge and administrative charge, (2) the portion of the base demand charge, as adjusted, applicable to onpeak billing demand applied to the customer's onpeak billing demand, (3) the portion of the base demand charge, as adjusted, applicable to maximum billing demand applied to the customer's maximum billing demand, (4) the base onpeak energy charge, as adjusted, applied to the customer's onpeak energy takings, and (5) the base offpeak energy charge, as adjusted, applied to the higher of customer's actual offpeak energy takings or the minimum offpeak energy takings amount provided for in the first paragraph of the section of this rate schedule entitled "Determination of Onpeak and Offpeak Demands, Maximum Metered Demand, and Energy Amounts". Notwithstanding the foregoing, amounts calculated under any fuel cost adjustment that is included in the Adjustment Addendum shall not be applied to any billed offpeak energy that exceeds the metered offpeak energy.

Excess demand charges are excluded from this calculation.

Distributor may require minimum bills higher than those stated above, including, without limitation, charges to cover any additional metering and related costs.

Contract Requirement

Distributor shall require contracts for all service provided under this rate schedule. The contract shall be for an initial term of at least 5 years and any renewals or extensions of the initial contract shall be for a term of at least 1 year; after 10 years of service, any such contract for the renewal or extension of service may provide for termination upon not less than 4 months' notice. The customer shall contract for its maximum requirements, which shall not exceed the amount of power capable of being used by customer, and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective onpeak or offpeak contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as provided under the power contract between Distributor and TVA.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

Service is subject to Rules and Regulations of Distributor.

CENTRAL ELECTRIC POWER ASSOCIATION
MANUFACTURING SERVICE RATE--SCHEDULE MSB
(October 2019)

(Convenience Copy Only – Does not include monthly Fuel Cost Adjustments)

Availability

This rate shall apply to the firm electric power requirements where (a) a customer's currently effective onpeak or offpeak contract demand, whichever is higher, is greater than 5,000 kW but not more than 15,000 kW, and (b) the major use of electricity is for activities conducted at the delivery point serving that customer which are classified with a 2-digit Standard Industrial Classification Code between 20 and 39, inclusive, or classified with 2002 North American Industry Classification System (NAICS) code 5181, or 2007 NAICS codes 5182, 522320, and 541214.

Prior to initially taking any service under this schedule, and from time to time thereafter as may be required by Distributor or the Tennessee Valley Authority (TVA), a customer shall certify to both Distributor and TVA that it meets the requirements set forth in condition (b) above. The certification form to be used shall be (i) furnished or approved by TVA, (ii) provided by Distributor to the customer, and (iii) signed and promptly returned by the customer to Distributor. Further, such customer shall promptly certify any change in the status of any of the information contained in the certification form to Distributor.

Service during any period for which a customer does not meet the eligibility requirements set forth in condition (b) above will be made available by Distributor under, and billed in accordance with, the applicable General Power schedule.

Unless otherwise provided for in a written agreement between TVA and the distributor providing service under this rate schedule, for customers served under this rate schedule, the customer's "meter-reading time" shall be 0000 hours CST or CDT, whichever is currently effective, on the first day of the calendar month following the month for which a bill under this rate schedule is being calculated. Further, in accordance with TVA furnished or approved guidelines or specifications, TVA shall have unrestricted remote access to the metering data at all times, as well as unrestricted physical access to the metering facilities for the purpose of confirming remotely-accessed data during such periods as are specified by TVA.

For all customers transitioning from seasonal demand and energy service under an existing power contract, the onpeak contract demand and offpeak contract demand will be the contract demand provided under their current power contract.

For a customer requesting that its onpeak contract demand be different from its offpeak contract demand, this rate schedule shall be available only for (1) a new contract, (2) a replacement or renewal contract following expiration of the existing contract, or (3) a replacement or renewal contract or an amended existing contract in which the customer is increasing its demand requirements above the existing contract demand level, but under this item (3) neither the new onpeak nor the new offpeak contract demand shall be lower than the customer's existing contract demand.

Character of Service

Alternating current, single- or three-phase, 60 hertz. Power shall be delivered at a transmission voltage of 161 kV or, if such transmission voltage is not available, at the highest voltage available in the vicinity, unless at the customer's request a lower standard voltage is agreed upon.

Base Charges Including 2019 Adjustments

Customer Charge: \$1,500 per delivery point per month

Administrative Charge: \$350 per delivery point per month

Demand Charges:

Summer Period

Onpeak Demand \$10.24 per kW of onpeak billing demand per month, plus

Maximum Demand \$2.26 per kW per month of maximum billing demand, plus

Excess Demand \$10.24 per kW per month of the amount, if any, by which (1) the customer's onpeak billing demand exceeds its onpeak contract demand or (2) the customer's offpeak billing demand exceeds its offpeak contract demand, whichever is higher.

Winter Period

Onpeak Demand \$9.27 per kW of onpeak billing demand per month, plus

Maximum Demand \$2.26 per kW per month of maximum billing demand, plus

Excess Demand \$9.27 per kW per month of the amount, if any, by which (1) the customer's onpeak billing demand exceeds its onpeak contract demand or (2) the customer's offpeak billing demand exceeds its offpeak contract demand, whichever is higher.

Transition Period

Onpeak Demand \$9.27 per kW of onpeak billing demand per month, plus

Maximum Demand \$2.26 per kW per month of maximum billing demand, plus

Excess Demand \$9.27 per kW per month of the amount, if any, by which (1) the customer's onpeak billing demand exceeds its onpeak contract demand or (2) the customer's offpeak billing demand exceeds its offpeak contract demand, whichever is higher.

Non-Fuel Energy Charge:

Summer Period

Onpeak 5.779¢ per kWh per month for all metered onpeak kWh, plus

Offpeak

Block 1 3.279¢ per kWh per month for the first 200 hours use of metered onpeak demand multiplied by the ratio of offpeak energy to total energy, plus

Block 2 0.310¢ per kWh per month for the next 200 hours use of metered onpeak demand multiplied by the ratio of offpeak energy to total energy, plus

Block 3	0.055¢ per kWh per month for the hours use of metered onpeak demand in excess of 400 hours multiplied by the ratio of offpeak energy to total energy
Winter Period	
Onpeak	4.639¢ per kWh per month for all metered onpeak kWh, plus
Offpeak	
Block 1	3.502¢ per kWh per month for the first 200 hours use of metered onpeak demand multiplied by the ratio of offpeak energy to total energy, plus
Block 2	0.310¢ per kWh per month for the next 200 hours use of metered onpeak demand multiplied by the ratio of offpeak energy to total energy, plus
Block 3	0.055¢ per kWh per month for the hours use of metered onpeak demand in excess of 400 hours multiplied by the ratio of offpeak energy to total energy
Transition Period	
Onpeak	3.589¢ per kWh per month for all metered onpeak kWh, plus
Offpeak	
Block 1	3.589¢ per kWh per month for the first 200 hours use of metered onpeak demand multiplied by the ratio of offpeak energy to total energy, plus
Block 2	0.310¢ per kWh per month for the next 200 hours use of metered onpeak demand multiplied by the ratio of offpeak energy to total energy, plus
Block 3	0.055¢ per kWh per month for the hours use of metered onpeak demand in excess of 400 hours multiplied by the ratio of offpeak energy to total energy

For the Summer Period, Winter Period, and Transition Period, the offpeak Block 1 nonfuel energy rate shall be applied to the portion, if any, of the minimum offpeak energy takings amount that is greater than the metered energy.

Adjustment

The base demand and energy charges shall be increased or decreased in accordance with the current Adjustment Addendum published by TVA. In addition, such charges shall be increased or decreased to correspond to increases or decreases determined by TVA under Adjustment 4 of the wholesale power rate schedule applicable under contractual arrangements between TVA and Distributor.

Facilities Rental Charge

There shall be no facilities rental charge under this rate schedule for delivery at bulk transmission voltage levels of 161 kV or higher. For delivery at less than 161 kV, there shall be added to the customer's bill a facilities rental charge. This charge shall be 36¢ per kW per month except for delivery at voltages below 46 kV, in which case the charge shall be 93¢ per kW per month for the first 10,000 kW and 73¢ per kW per month for the excess over 10,000 kW. Such charge shall be applied to the higher of (1) the highest billing demand established during the latest 12-consecutive-month period or (2) the customer's currently effective onpeak or offpeak contract demand, whichever is higher, and shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Reactive Demand Charges

If the reactive demand (in kVAR) is lagging during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's highest metered demand occurs, there shall be added to the customer's bill a reactive charge of \$1.46 per kVAR of the amount, if any, by which the reactive demand exceeds 33 percent of such metered demand. If the reactive demand (in kVAR) is leading during the 30-consecutive-minute period beginning or ending on a clock hour of the month in which the customer's lowest metered demand (excluding any metered demands which are less than 25 percent of the highest metered demand) occurs, there shall be added to the customer's bill a reactive charge of \$1.14 per kVAR of the amount of reactive demand. Such charges shall be in addition to all other charges under this rate schedule, including minimum bill charges.

Determination of Seasonal Periods

Summer Period shall mean the June, July, August, and September billing months. Winter Period shall mean the December, January, February, and March billing months. Transition Period shall mean the April, May, October, and November billing months.

Determination of Onpeak and Offpeak Hours

Except for Saturdays and Sundays and the weekdays that are observed as Federal holidays for New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day, and provided further that onpeak hours shall not include hours that fall on November 1 of each year when November 1 falls on any day other than Monday, Onpeak hours for each day shall for purposes of this rate schedule be from 1 p.m. to 7 p.m. during the months of April, May, June, July, August, September and October and from 4 a.m. to 10 a.m. during the months of January, February, March, November, and December. For all other hours of each day and all hours of such excepted days shall be offpeak hours. Such times shall be Central Standard Time or Central Daylight Time, whichever is then in effect. Said onpeak and offpeak hours are subject to change by TVA. In the event TVA determines that such changed onpeak and offpeak hours are appropriate, it shall so notify Distributor at least 12 months prior to the effective date of such changed hours.

Determination of Onpeak and Offpeak Demands, Maximum Metered Demand, and Energy Amounts

The onpeak and offpeak kWh for any month shall be the energy amounts taken during the respective hours of the month designated under this rate schedule as onpeak and offpeak hours; provided, however, that notwithstanding the metered energy amount, the offpeak energy for any month shall in no case be less than the product of (1) the offpeak billing demand as calculated in the last paragraph below and (2) 110 hours (reflecting a 15 percent load factor applied to the average number of hours in a month).

Distributor shall meter the onpeak and offpeak demands in kW of all customers taking service under this rate schedule. The onpeak metered demand and offpeak metered demand for any month shall be determined separately for the respective hours of the month designated under this rate schedule as onpeak and offpeak hours and, in each case, shall be the highest average during any 30-consecutive-minute period beginning or ending on a clock hour.

Except as provided below, (1) the onpeak billing demand shall be the highest onpeak metered demand in the month, (2) the offpeak billing demand shall be the highest offpeak metered demand in the month, and (3) the maximum billing demand shall be the higher of the onpeak billing demand or offpeak billing demand in the month.

The onpeak billing demand shall in no case be less than the sum of (1) 30 percent of the first 5,000 kW and (2) 40 percent of any kW in excess of 5,000 kW of the higher of the currently effective onpeak contract demand or the highest onpeak billing demand established during the preceding 12 months.

The offpeak billing demand shall in no case be less than the sum of (1) 30 percent of the first 5,000 kW and (2) 40 percent of any kW in excess of 5,000 kW of the higher of the currently effective offpeak contract demand or the highest offpeak billing demand established during the preceding 12 months.

Minimum Bill

The monthly bill under this rate schedule, excluding any facilities rental charges and any reactive charges, shall not be less than the sum of (1) the base customer charge and administrative charge, (2) the portion of the base demand charge, as adjusted, applicable to onpeak billing demand applied to the customer's onpeak billing demand, (3) the portion of the base demand charge, as adjusted, applicable to maximum billing demand applied to the customer's maximum billing demand, (4) the base onpeak energy charge, as adjusted, applied to the customer's onpeak energy takings, and (5) the base offpeak energy charge, as adjusted, applied to the higher of customer's actual offpeak energy takings or the minimum offpeak energy takings amount provided for in the first paragraph of the section of this rate schedule entitled "Determination of Onpeak and Offpeak Demands, Maximum Metered Demand, and Energy Amounts". Notwithstanding the foregoing, amounts calculated under any fuel cost adjustment that is included in the Adjustment Addendum shall not be applied to any billed offpeak energy that exceeds the metered offpeak energy.

Excess demand charges are excluded from this calculation.

Distributor may require minimum bills higher than those stated above, including, without limitation, charges to cover any additional metering and related costs.

Contract Requirement

Distributor shall require contracts for all service provided under this rate schedule. The contract shall be for an initial term of at least 5 years and any renewals or extensions of the initial contract shall be for a term of at least 1 year; after 10 years of service, any such contract for the renewal or extension of service may provide for termination upon not less than 4 months' notice. The customer shall contract for its maximum requirements, which shall not exceed the amount of power capable of being used by customer, and Distributor shall not be obligated to supply power in greater amount at any time than the customer's currently effective onpeak or offpeak contract demand. If the customer uses any power other than that supplied by Distributor under this rate schedule, the contract may include other special provisions. The rate schedule in any power contract shall be subject to adjustment, modification, change, or replacement from time to time as provided under the power contract between Distributor and TVA.

Payment

Bills under this rate schedule will be rendered monthly. Any amount of bill unpaid after due date specified on bill may be subject to additional charges under Distributor's standard policy.

Single-Point Delivery

The charges under this rate schedule are based upon the supply of service through a single delivery and metering point, and at a single voltage. If service is supplied to the same customer through more than one point of delivery or at different voltages, the supply of service at each delivery and metering point and at each different voltage shall be separately metered and billed.

Service is subject to Rules and Regulations of Distributor.