



## EPB MANUFACTURING SERVICE RATE — SCHEDULE TDMSA

Effective October 2024

### AVAILABILITY

This rate shall apply to the firm electric power requirements where (a) a customer's currently effective on-peak or off-peak contract demand, whichever is higher, is greater than 1,000 kW but not more than 5,000 kW and the customer's maximum metered demand exceeds 750 kW at least once during the latest 12-consecutive-month period, 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, or 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 Eastern Standard Time or Eastern Daylight Time, 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 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 on-peak contract demand be different from its off-peak 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

on-peak nor the new off-peak 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

Customer Charge: \$1,560 per delivery point per month

Administrative Charge: \$350 per delivery point per month

Demand Charges:

### Summer Period

On-peak Demand \$11.52 per kW of on-peak billing demand per month, plus

Maximum Demand \$3.96 per kW per month of maximum billing demand, plus

Excess Demand \$11.52 per kW per month of the amount, if any, by which (1) the customer's on-peak billing demand exceeds its on-peak contract demand or (2) the customer's off-peak billing demand exceeds its off-peak contract demand, whichever is higher.

### Winter Period

On-peak Demand \$10.44 per kW of on-peak billing demand per month, plus

Maximum Demand \$3.96 per kW per month of maximum billing demand, plus

Excess Demand \$10.44 per kW per month of the amount, if any, by which (1) the customer's on-peak billing demand exceeds its on-peak contract demand or (2) the customer's off-peak billing demand exceeds its off-peak contract demand, whichever is higher.

### Transition Period

On-peak Demand \$10.44 per kW of on-peak billing demand per month, plus

Maximum Demand \$3.96 per kW per month of maximum billing demand, plus



Excess Demand \$10.44 per kW per month of the amount, if any, by which (1) the customer's on-peak billing demand exceeds its on-peak contract demand or (2) the customer's off-peak billing demand exceeds its off-peak contract demand, whichever is higher.

Energy Charge:

**Summer Period**

On-peak 6.448¢ per kWh per month for all metered on-peak kWh, plus

Off-peak

Block 1	3.699¢ per kWh per month for the first 200 hours use of metered on-peak demand multiplied by the ratio of off-peak energy to total energy, plus
Block 2	0.682¢ per kWh per month for the next 200 hours use of metered on-peak demand multiplied by the ratio of off-peak energy to total energy, plus
Block 3	0.401¢ per kWh per month for the hours use of metered on-peak demand in excess of 400 hours multiplied by the ratio of off-peak energy to total energy.

**Winter Period**

On-peak 5.191¢ per kWh per month for all metered on-peak kWh, plus

Off-peak

Block 1	3.942¢ per kWh per month for that first 200 hours use of metered on-peak demand multiplied by the ratio of off-peak energy to total energy, plus
Block 2	0.682¢ per kWh per month for the next 200 hours use of metered on-peak demand multiplied by the ratio of off-peak energy to total energy, plus
Block 3	0.401¢ per kWh per month for the hours use of metered on-peak demand in excess of 400 hours multiplied by the ratio of off-peak energy to total energy.

**Transition Period**

On-peak 4.040¢ per kWh per month for all metered on-peak kWh, plus

Off-peak

Block 1	4.040¢ per kWh per month for the first 200 hours of use of metered on-peak demand multiplied by the ratio of
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off-peak energy to total energy, plus

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| Block 2 | 0.682¢ per kWh per month for the next 200 hours use of metered on-peak demand multiplied by the ratio of off-peak energy to total energy, plus          |
| Block 3 | 0.401¢ per kWh per month for the hours use of metered on-peak demand in excess of 400 hours multiplied by the ratio of off-peak energy to total energy. |

For the Summer Period, Winter Period, and Transition Period, the off-peak Block 1 energy rate shall be applied to the portion, if any, of the minimum off-peak 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.

Loss adjustments are made to the monthly Fuel Cost Adjustment (FCA) under the Adjustment Addendum to recognize additional distribution cost of providing service to the retail customers. The loss factors applied to customers that own the transformation facilities and take service at the bulk transmission of 161 kV or higher shall be set to 0%.

### **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 on-peak or off-peak 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 ON-PEAK AND OFF-PEAK HOURS**

Except for Saturdays, Sundays, November 1, 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, On-peak 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 off-peak hours. Such times shall be Central Standard Time or Central Daylight Time, whichever is then in effect. Said on-peak and off-peak hours are subject to change by TVA.

In the event TVA determines that such changed on-peak and off-peak hours are appropriate, it shall so notify Distributor at least 12 months prior to the effective date of such changed hours.

#### **DETERMINATION OF ON-PEAK AND OFF-PEAK DEMANDS, MAXIMUM METERED DEMAND, AND ENERGY AMOUNTS**

The on-peak and off-peak kWh for any month shall be the energy amounts taken during the respective hours of the month designated under this rate schedule as on-peak and off-peak hours; provided, however, that notwithstanding the metered energy amount, the off-peak energy for any month shall in no case be less than the product of (1) the off-peak 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 on-peak and off-peak demands in kW of all customers taking service under this rate schedule. The on-peak metered demand and off-peak metered demand for any month shall be determined separately for the respective hours of the month designated under this rate schedule as on-peak and off-peak 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 on-peak billing demand shall be the highest on-peak metered demand in the month, (2) the off-peak billing demand shall be the highest off-peak metered demand in the month, and (3) the maximum billing demand shall be the higher of the on-peak billing demand or off-peak billing demand in the month.

The on-peak 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 on-peak contract demand or the highest on-peak billing demand established during the preceding 12 months.



The off-peak 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 off-peak contract demand or the highest off-peak 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 on-peak billing demand applied to the customer's on-peak billing demand, (3) the portion of the base demand charge, as adjusted, applicable to maximum billing demand applied to the to the customer's maximum billing demand, (4) the base on-peak energy charge, as adjusted, applied to the customer's on-peak energy takings, and (5) the base off-peak energy charge, as adjusted, applied to the higher of customer's actual off-peak energy takings or the minimum off-peak energy takings amount provided for in the first paragraph of the section of this rate schedule entitled "Determination of On-peak and Off-peak Demands, Maximum Metered Demand, and Energy Amounts." Notwithstanding the foregoing, amounts calculated under any Fuel Cost Adjustment (FCA) that is included in the Adjustment Addendum shall not be applied to any billed off-peak energy that exceeds the metered off-peak 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**

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 one 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 on-peak or off-peak 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.

After having received service for at least one year under this rate schedule, the customer, subject to appropriate amendments in its power contract with Distributor, may receive service under the General Power Rate—Schedule GSA. In such case the term of the power contract shall remain the same and the contract demand for service under the General Power Rate—Schedule GSA shall not be less than the on-peak contract demand in effect when service was taken under this rate schedule.

#### **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, 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.