

ELECTRIC RATES AND PROVISIONS

SCHEDULE SMD – SMALL GENERAL SERVICE: NETWORK

Effective January 1, 2019

SCHEDULE SMD is for small network general service provided to customers whose maximum demand is less than 50 kW.

ENERGY CHARGES:
All energy at 9.88¢ per kWh
Minimum Charge: 38.00¢ per meter per day
Power Factor Charge: \$0.0015 per kVarh
Discounts: Transformer losses in kWh: $0.53285 \times \text{kW} + 0.00002 \times \text{kW}^2 + 0.00527 \times \text{kWh}$ Transformer investment: \$0.26 per kW of monthly maximum demand

Seattle Municipal Code Section 21.49.052

- A. Small general service is general service provided to customers who are not demand metered or, if demand metered, have had in the previous calendar year more than half of their normal billings at less than fifty (50) kW of maximum demand. Classification of new customers as small general service customers will be based on the Department's estimate of maximum demand in the current year. Customers who are assigned flat rate bills shall be charged according to small general service rates.

- B. For customers metered on the primary side of a transformer, the Department will either program the meter to deduct computed transformer losses or provide a discount for transformer losses by reducing the monthly kWh billed by the number of kWh computed in Section 21.49.052, Subsection A.

- C. For customers who provide their own transformation from the Department's standard distribution system voltage of four (4) kV, thirteen (13) kV, or twenty-six (26) kV to a utilization voltage, a discount for transformer investment will be provided in the amount stated in Section 21.49.052, Subsection A.

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SCHEDULE SMD – SMALL GENERAL SERVICE: NETWORK (cont.)

- D. The Department will provide one (1) transformation from the available distribution system voltage of four (4) kV or higher to a standard service voltage, and metering normally will be at the service voltage level. However, if the Department determines that it is either uneconomical or impractical to meter at the service voltage level, the Department will meter at the distribution voltage level and will either program the meter to deduct computed transformer losses or will reduce the monthly kWh billed by the amount of the discount for transformer losses.

If the customer elects to receive service from the Department's available distribution system voltage of four (4) kV or higher, metering will be at the distribution voltage level and the discounts for transformer losses, if applicable, and for transformer investment, if applicable, will be applied to the customer's billings. However, if the Department determines that it is either uneconomical or impractical to meter at the distribution voltage level, the Department will meter at the service voltage level and the discount for transformer losses will not be applicable.

- E. The Department may, at its discretion, impose an additional power factor charge whenever electricity delivered to the customer has an average monthly power factor of less than 0.97, as measured by the Department's metering equipment. The metering equipment for measurement of reactive kVA hours shall be programmed to prevent reverse registration.
- F. The Department shall not be obligated to deliver electricity to a customer with a power factor below 0.85. All installations of power factor corrective equipment shall be subject to the approval of the Department. The customer's corrective equipment shall be switched with the load so that at no time will it supply leading reactive power (kVAR) to the Department's distribution system unless written Department approval is obtained to do so.
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