

LOAD FACTOR

Load factor is obtained by dividing the kWh used during the billing cycle by the kW demand during the same period, and then dividing that result by the number of hours in the billing period.

LOW LOAD FACTOR CLAUSE

A customer who is routinely below a 5% load factor may apply to the Commission for an assignment to a non-demand rate. Factors, including but not limited to the contribution-in-aid-of-construction by the customer to offset capital investment by SPU, will be considered by the Commission.

The Commission reserves the right to set assignments for a specified period of time and to cancel any granted non-demand rate assignments without prior notice, at which time the customer will return to the standard rate assignment.

LIMITED OFF PEAK CLAUSE

A demand-rate customer who anticipates a single instance of high energy use that is not typical for their normal service, may apply to the Commission in advance of the occurrence for a waiver of the demand charges for that single instance. Consideration will be given to the estimated cost of purchased power during the duration of the single instance; the capacity of the facilities in place to accommodate the increased load; and other possible factors.

The Commission reserves the right to grant waivers for a specified period of time and to cancel any granted waivers without prior notice, at which time the customer will return to the standard demand rate schedule.

GENERAL SERVICE

Determination of Billed Demand: Billed demand will be the customer's greatest 15 minute KW demand incurred during the current billing period (actual), but not less than 60% of the highest demand during the preceding 11 months or 15kW, whichever is greater (ratchet).

INDUSTRIAL SERVICE

Determination of Billed Demand: Billed demand will be the customer's greatest 15 minute KW demand incurred during the current billing period (actual), but not less than 60% of the highest demand during the preceding 11 months or 150kW, whichever is greater (ratchet).

MINIMUM POWER FACTOR REQUIREMENT

General Service customers must maintain an average power factor not less than 80% lagging (90% lagging for Industrial Service) and avoid leading power factor at any time.

Power Factor Penalty: Billed demand is adjusted upward when an Industrial Service account has a monthly average power factor* less than 90% lagging. The adjusted demand is calculated as the customer's actual 15 minute demand for the billing period x (90%/customer's monthly power factor).

*Average Power Factor: The average power factor is $\frac{\text{kWh used during the month}}{\sqrt{(\text{kWh used}^2 + \text{the lagging reactive kilovolt-ampere-hours}^2)}}$ supplied during the same period. Any leading reactive kilovolt-ampere-hours supplied during the period will not be considered in determining the average power factor.



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Electric Rates

Effective January 2022



Shakopee Public Utilities Electric Rates

Effective January 2022

RESIDENTIAL	AVAILABILITY	SERVICE CHARGE (per month)	ENERGY CHARGE (per kWh)		POWER COST ADJUSTMENT (per kWh)	RELOCATION UNDERGROUND CHARGE (per kWh)	CONSERVATION PROGRAM CHARGE	MINIMUM BILL
	RESIDENTIAL SERVICE ¹⁾	\$9.50	\$0.1144		VARIABLE CHARGE	\$0.0003	1.5% OF ENERGY BILL	SERVICE CHARGE
	RESIDENTIAL SERVICE - SR CITIZENS ²⁾	\$7.00	\$0.1144		VARIABLE CHARGE	\$0.0003	1.5% OF ENERGY BILL	SERVICE CHARGE
	RESIDENTIAL SERVICE - EV ³⁾	\$4.75	\$0.0570 (Off-Peak between 10:00 p.m. and 8:00 a.m. daily)	\$0.2500 (On-Peak all other hours)	VARIABLE CHARGE	\$0.0003	1.5% OF ENERGY BILL	SERVICE CHARGE

1) Residential dwellings.

2) Residential dwelling occupied by senior citizen(s) aged 65 or older.

3) Residential dwelling with a separate meter for EV charging.

NON-RESIDENTIAL	AVAILABILITY	SERVICE CHARGE (per month)	DEMAND CHARGE (per kW)	ENERGY CHARGE (per kWh)		POWER COST ADJUSTMENT (per kWh)	RELOCATION UNDERGROUND CHARGE (per kWh)	CONSERVATION PROGRAM CHARGE	MINIMUM BILL
	COMMERCIAL SERVICE ¹⁾	\$14.50	—	\$0.1098		VARIABLE CHARGE	\$0.0003	1.5% OF ENERGY BILL	SERVICE CHARGE
	GENERAL SERVICE ²⁾	\$60.00	\$9.70	\$0.0740		VARIABLE CHARGE	\$0.0003	1.5% OF ENERGY BILL	SERVICE CHARGE + DEMAND CHG
	INDUSTRIAL SERVICE ³⁾	\$100.00	\$9.70	\$0.0740 (up to 400 hours times the billing demand)	\$0.0678 (all kWhs in excess of 400 hours times the billing demand)	VARIABLE CHARGE	\$0.0003	1.5% OF ENERGY BILL	SERVICE CHARGE + DEMAND CHG

1) Non-residential customers with less than 15 KW demand.

2) Non-residential customers with demand of at least 15 KW but less than 150 KW. Service above 75 KW is 3 phase only, except by written exception.

3) Non-residential customer with demand of 150 KW and over. Minimum Power Factor 90%.

DEFINITIONS AND CHARGES AS ESTABLISHED BY COMMISSION RESOLUTION (RESOLUTIONS ARE VIEWABLE AT SHAKOPEEUTILITIES.COM)

DEPOSIT REQUIREMENTS:

Deposits are required from residential renters and non-residential customers prior to connection of service and are refundable based on 5 year good payment history.

MONTHLY ENERGY BILLS:

The monthly energy bill for all electric customers is the sum of the service charge, energy charge, power cost adjustment, relocation underground charge and conservation program charge. For General and Industrial accounts, the monthly bill also includes a demand charge, any adjustments for power factor, and/or other applicable voltage service/metering discounts. Minimum bill provisions and late charges also apply.

POWER COST ADJUSTMENT (PCA):

This monthly adjustment reflects the increases or decreases in SPU's cost of purchased power. Purchased power costs are not controlled by SPU.

RELOCATION UNDERGROUND CHARGE:

This charge is collected to cover the additional cost of relocating overhead wires underground when SPU is required to do so due to a public improvement, such as a road widening.

CONSERVATION PROGRAM CHARGE:

This charge is 1.5% of the monthly energy bill. The charges collected fund the mandatory state energy-savings program for customer rebates.

PROMPT PAYMENT PROVISION:

A penalty of 5% will be added to the current electric and water billings if not paid in full on or before the stated due date.

EV CHARGING:

A separate meter is required to be installed in a residential home for the purpose of EV charging. Electrical costs associated with wiring this service are the responsibility of the customer. Charging during the off-peak periods identified above provide a valuable savings to our customers.

PRIMARY METERING:

At the discretion of the SPU electric department, secondary voltage service may be metered at the primary voltage. If so, a 2% cash discount will be applied to the total monthly energy bill, with the exception of the PCA.

PRIMARY VOLTAGE SERVICE:

If the customer agrees to take service and be metered at the primary voltage available at the service location and to pay all costs incurred in the ownership, operation and maintenance of transformers and substation equipment (except meters), a cash discount of 5% will be applied to the total monthly energy bill, with the exception of the PCA.