

Agricultural Service Rate Schedule AG

I. Applicability

This Rate Schedule AG applies to single- or three-phase nonresidential agricultural service, delivered at standard voltages designated by SMUD as available at the customer's premises. The electricity must be for pumping loads where a preponderance of the load is devoted to agricultural purposes such as farm lighting, feed choppers, milking machines, heating for incubators, brooders, and other farm uses; drainage pumping loads where a preponderance of the area drained is agricultural; and irrigation pumping loads for nonagricultural purposes where the entire loads, except for minor incidental uses, are devoted to such pumping.

This schedule is mandatory for agricultural accounts with monthly maximum demand that does not exceed 499 kW for three or more consecutive months. The demand for any month will be the maximum 15-minute kW delivery during the month.

For the purposes of this schedule a "month" is considered to be a single billing period of 27 to 34 days.

II. Firm Service Rate

A. Small Agricultural Service, Nondemand Rates – ASN

This rate applies to agricultural accounts having a monthly maximum demand of 30 kW or less. If the account does not have a meter that registers demand, and monthly usage is at least 12,000 kWh for three consecutive months, a demand meter will be installed. Whenever monthly maximum demand exceeds 30 kW for three consecutive months, the customer will be billed on the applicable demand rate. To return to the nondemand rate, the account's monthly maximum demand must fall below 31 kW and usage must be below 12,000 kWh for 12 consecutive months.

	Effective as of October 1, 2021	Effective as of March 1, 2022	Effective as of January 1, 2023
ASN			
Winter Season (November - April)			
System Infrastructure Fixed Charge <i>per month per meter</i>	\$12.40	\$12.60	\$12.85
Electricity Usage Charge			
<i>All day \$/kWh</i>	\$0.1378	\$0.1398	\$0.1428
Summer Season (May - October)			
System Infrastructure Fixed Charge <i>per month per meter</i>	n/a	\$12.60	\$12.85
Electricity Usage Charge	n/a		
<i>All day \$/kWh</i>		\$0.1534	\$0.1564

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B. Large Agricultural Service, Demand Rates – ASD

This rate applies to agricultural accounts having a monthly maximum demand greater than 30 kW but less than 499 kW for three consecutive months. The demand for any month will be the maximum 15-minute kW delivery during the month. The customer will be billed on the demand-metered rate until the demand falls below 31 kW and energy is less than 12,000 kWh for 12 consecutive months before being returned to the ASN Rate.

	Effective as of October 1, 2021	Effective as of March 1, 2022	Effective as of January 1, 2023
ASD			
Winter Season (November - April)			
System Infrastructure Fixed Charge <i>per month per meter</i>	\$28.80	\$29.25	\$29.80
Site Infrastructure Charge <i>per 12 months max kW or contract capacity</i>			
First 30kW	No Charge	No Charge	No Charge
Additional kW per month	\$2.850	\$2.893	\$2.951
Electricity Usage Charge			
Base Usage <i>8,750 kWh per month</i>	\$0.1526	\$0.1549	\$0.1580
Base Usage Plus <i>kWh over 8,750 per month</i>	\$0.1198	\$0.1216	\$0.1240
Summer Season (May - October)			
System Infrastructure Fixed Charge <i>per month per meter</i>	n/a	\$29.25	\$29.80
Site Infrastructure Charge <i>per 12 months max kW or contract capacity</i>			
First 30kW	n/a	No Charge	No Charge
Additional kW per month	n/a	\$2.893	\$2.951
Electricity Usage Charge			
Base Usage <i>8,750 kWh per month</i>	n/a	\$0.1484	\$0.1514
Base Usage Plus <i>kWh over 8,750 per month</i>	n/a	\$0.1074	\$0.1095

C. Small Agricultural Optional Time-of-Day – AON

This optional rate is for small agricultural accounts having a monthly maximum demand of 30 kW or less. Customers transferring to the small agricultural Time-of-Day Rate must remain on the rate for a minimum of four months. Customers electing to move off this optional rate cannot return to service under this schedule for 12 months.

	Effective as of October 1, 2021	Effective as of March 1, 2022	Effective as of January 1, 2023
AON			
Winter Season (November - April)			
System Infrastructure Fixed Charge <i>per month per meter</i>	\$16.65	\$16.90	\$17.25
Electricity Usage Charge			
On-peak <i>\$/kWh</i>	\$0.1585	\$0.1609	\$0.1641
Off-peak <i>\$/kWh</i>	\$0.1351	\$0.1371	\$0.1399
Summer Season (May - October)			
System Infrastructure Fixed Charge <i>per month per meter</i>	n/a	\$16.90	\$17.25
Electricity Usage Charge			
On-peak <i>\$/kWh</i>	n/a	\$0.2332	\$0.2379
Off-peak <i>\$/kWh</i>	n/a	\$0.1254	\$0.1279

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D. Large Agricultural Optional Time-of-Day – AOD

This optional rate is for large agricultural accounts with demand greater than 30 kW and less than 499 kW. Customers transferring to the agricultural Time-of-Day Rate must remain on the rate for a minimum of four months. Customers electing to move off this optional rate cannot return to service under this schedule for 12 months.

	Effective as of October 1, 2021	Effective as of March 1, 2022	Effective as of January 1, 2023
AOD			
Winter Season (November - April)			
System Infrastructure Fixed Charge <i>per month per meter</i>	\$100.25	\$101.75	\$103.80
Maximum Demand Charge <i>\$ per monthly max kW</i>	\$2.840	\$2.883	\$2.940
Electricity Usage Charge			
On-peak <i>\$/kWh</i>	\$0.1578	\$0.1602	\$0.1634
Off-peak <i>\$/kWh</i>	\$0.1340	\$0.1360	\$0.1388
Summer Season (May - October)			
System Infrastructure Fixed Charge <i>per month per meter</i>		\$101.75	\$103.80
Maximum Demand Charge <i>\$ per monthly max kW</i>		\$4.030	\$4.110
Electricity Usage Charge			
On-peak <i>\$/kWh</i>		\$0.2478	\$0.2528
Off-peak <i>\$/kWh</i>		\$0.1322	\$0.1348

III. Electricity Usage Surcharges

Refer to the following rate schedules for details on these surcharges:

A. Hydro Generation Adjustment (HGA). Refer to Rate Schedule HGA.

IV. Rate Option Menu

A. Generator Standby Service Option

Generator Standby Service applies when all of the following conditions are met:

1. The customer has generation, sited on the customer's premises, that serves all or part of the customer's load; and
2. The generator(s) are connected to SMUD's electrical system; and
3. SMUD is required to have resources available to provide supplemental service, backup electricity and/or to supply electricity during generator(s) maintenance service.

Generator Standby Service Charge by Voltage Level (\$/kW of Contract Capacity per month)	Secondary	Primary	Subtransmission
Effective October 1, 2021	\$7.500	\$5.920	\$2.990
Effective March 1, 2022	\$7.562	\$6.009	\$3.035
Effective January 1, 2023	\$7.713	\$6.129	\$3.096

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In addition to the Generator Standby Service Charge, SMUD will continue to bill for all applicable charges under this rate schedule. These charges include System Infrastructure Fixed Charges and Site Infrastructure Charges, as well as Electricity Usage and Maximum Demand Charges for SMUD-provided power.

The Generator Standby Service Charge will be waived only for qualifying renewable generation under Rate Schedules NEM1 and SSR.

B. Customer Energy Generation Options. Refer to Rate Schedules NEM1 and SSR.

C. SMUD Renewable Energy Option

SMUD offers optional programs that allow customers to receive renewable energy for an additional charge, detailed on www.smud.org.

D. Special Metering Charge

For customers who purchase and install additional equipment and software identified by SMUD meter specialists as necessary for load data collection and transfer to electronic media outside SMUD, SMUD will charge a monthly service fee to cover maintenance, software support and licensing fees. Payment for this nonstandard equipment and service will be made through provisions in Rule and Regulation 2, Section IV. Special Facilities. The fee schedule is available at SMUD's website, www.smud.org.

V. Conditions of Service

A. Type of Electric Service

SMUD will provide customers on this rate schedule standard, firm service consisting of a continuous and sufficient supply of electricity.

B. Service Voltage Definition

The following defines the three voltage classes available. The rate shall be determined by the voltage level at which service is taken according to the following:

1. *Secondary Service Voltage*

This service class provides power at voltage levels below 12 kilo-Volts (kV), or at a level not otherwise defined as "Primary" or "Subtransmission."

2. *Primary Service Voltage*

This service class provides power at a voltage level of 12 kV or 21 kV. To be eligible for Primary Service Voltage, the customer's monthly demand must exceed 299 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

3. *Subtransmission Service Voltage*

This subtransmission service class provides power at a voltage level of 69 kV or as otherwise defined by SMUD. To be eligible for voltage service at this level, the customer's monthly demand must exceed 499 kW, the voltage must be available in the area being served, and SMUD must approve the arrangement for power provision.

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C. Power Factor Adjustment

1. Adjustment (charge per month varies)

Accounts on a demand rate may be subject to a power factor (PF) adjustment charge. When a customer's monthly power factor falls below 95 percent leading or lagging, the following billing adjustment will apply:

$$\text{Electricity Usage} \times [(95\% \div \text{Power Factor}) - 1] \times \text{Power Factor Adjustment Rate}$$

Electricity Usage: the total monthly kWh for the account

Power Factor: the lesser of the customer's monthly power factor or 95 percent

Power Factor Adjustment Rate

Effective October 1, 2021	\$0.0123
Effective March 1, 2022	\$0.0125
Effective January 1, 2023	\$0.0127

2. Waiver Contract (charge per month is set for the term of the waiver)

Customers may apply for a power factor waiver contract that compensates SMUD for the power factor correction for the portion that is covered under the contract. The power factor waiver is not available to customers taking service at the subtransmission service voltage level. The waiver amount per month is calculated:

$$\text{Excess KVAR} \times \text{Waiver Rate}$$

Excess KVAR: Maximum 12-month KVAR in excess of 32.868 percent of kW

Waiver Rate per excess KVAR

Effective October 1, 2021	\$0.3257
Effective March 1, 2022	\$0.3306
Effective January 1, 2023	\$0.3372

D. Time-of-Day Billing Periods

Winter season is from November 1 through April 30. Summer season is from May 1 through October 31.

Winter On-Peak	Weekdays between 7:00 a.m. and 10:00 a.m. and 5:00 p.m. and 8:00 p.m.
Summer On-Peak	Weekdays between 2:00 p.m. and 8:00 p.m.
Off-Peak	All other hours, including holidays shown below.

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Off-peak pricing shall apply during the following holidays:

<u>Holiday</u>	<u>Month</u>	<u>Date</u>
New Year's Day	January	1
Martin Luther King Jr. Day	January	Third Monday
Lincoln's Birthday	February	12
Presidents Day	February	Third Monday
Memorial Day	May	Last Monday
Independence Day	July	4
Labor Day	September	First Monday
Columbus Day	October	Second Monday
Veterans Day	November	11
Thanksgiving Day	November	Fourth Thursday
Christmas Day	December	25

VI. Billing

A. Meter Data

Meter data for service rendered in accordance with this rate will not be combined for billing purposes unless SMUD determines it is necessary or convenient to do so.

B. Proration of Charges

Charges are prorated when the billing period is less than 27 days, more than 34 days or spans more than one price. The Electricity Usage allowances, System Infrastructure Fixed Charge, Maximum Demand Charge and Site Infrastructure Charge will be prorated as shown in the following table.

Billing Circumstance	Basis for Proration
Bill period is shorter than 27 days	Relationship between the length of the billing period and 30 days.
Bill period is longer than 34 days	
Price changes within bill period	Relationship between the length of the billing period and the number of days that fall within the respective pricing periods.

C. Contract Capacity

Use of Contract Capacity for billing is at SMUD's sole discretion. Refer to Rule and Regulation 1 and Rule and Regulation 6.

D. Discontinuance of Service

Any customer resuming service at the same premises within 12 months after discontinuing service will be required to pay the System Infrastructure Fixed Charges and Site Infrastructure Charges that would have been billed if service had not been discontinued, except when service has been disconnected. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be waived during each of those months. Retroactive billing shall be at SMUD's sole discretion.

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