

# Agricultural Service Rate Schedule AG

## I. Applicability

This Rate Schedule I-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.

Season	(Nov 1 - Apr 30)	(May 1 - Oct 31)
	Winter	Summer
<b>System Infrastructure Fixed Charge - per month per meter</b>	\$11.10	\$11.10
<b>Electricity Usage Charge \$/kWh for all kWh</b>	\$0.1233	\$0.1352

### 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.

Season	Winter	Summer
<b>System Infrastructure Fixed Charge - per month per meter</b>	\$25.80	\$25.80
<b>Site Infrastructure Charge</b> ( <i>\$ per 12-month max kW or contract capacity</i> )		
First 30 kW	No Charge	No Charge
Additional kW per month	\$2.55	\$2.55
<b>Electricity Usage Charge \$/kWh</b>		
Base Usage – 8,750 kWh per month	\$0.1366	\$0.1309
Base Usage Plus – kWh over 8,750 per month	\$0.1072	\$0.0947

### C. Small Agricultural Optional Time-of-Use – 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-Use 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.

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Season	Winter	Summer
<b>System Infrastructure Fixed Charge - per month – per meter</b>	\$14.90	\$14.90
<b>Electricity Usage Charge \$/kWh</b>		
On-Peak period	\$0.1419	\$0.2057
Off-Peak period	\$0.1209	\$0.1105

### D. Large Agricultural Optional Time-of-Use – 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-Use 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.

Season	Winter	Summer
<b>System Infrastructure Fixed Charge per month – per meter</b>	\$89.75	\$89.75
<b>Maximum Demand Charge \$/ kW</b>	\$2.54	\$3.55
<b>Electricity Usage Charge \$/kWh</b>		
On-Peak period	\$0.1412	\$0.2186
Off-Peak period	\$0.1199	\$0.1165

### III. Electricity Usage Surcharges

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

**A. Hydro Generation Adjustment (HGA).** Refer to Rate Schedule 1-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 not fueled by a renewable resource; and
3. The generator(s) are connected to SMUD's electrical system; and
4. 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
	\$6.71	\$5.30	\$2.68

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 for qualifying net metered generation. Refer to Rate Schedule 1-NEM.

**B. Net Energy Metering Option.** Refer to Rate Schedule 1-NEM.

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## C. Green Pricing Options

### 1. SMUD Community Solar Option

Under this premium service option, customers elect to contribute monthly payments toward opportunities to use solar power to educate our community about the importance of renewable energy through partnering with schools, non-profit organizations and low-income housing. Refer to the SMUD website, [www.smud.org](http://www.smud.org), for further information on monthly contribution options and currently identified projects.

### 2. SMUD Renewable Energy Option

Customers electing power service will receive an additional monthly electricity usage charge of no less than 1/4 cent and no greater than 3 cents per kWh. SMUD may offer multiple rate options representing various blends of renewable resources and/or renewable energy credits within the rate range. The actual prices will be published each November on [www.smud.org](http://www.smud.org) and will be based on the expected above market cost of renewable resources for the upcoming year. Participation will be limited to the amount of resources that SMUD is able to secure at or below the 3 cent limit.

### 3. Fixed Greenergy® Fee Options

Customers may opt to support SMUD renewable energy purchases through one of the following monthly fees:

Greenergy Partner Plus.....	\$10.00
Greenergy Partner .....	\$5.00

## 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](http://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 varies by month)**

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* .....\$0.0110

**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 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* .....\$0.2915

**D. Time-of-Use Billing Periods**

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

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

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

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## 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 day, more than 34 days or spans more than one price. The Electricity Usage allowances, System Infrastructure Fixed 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 a customer agrees to lock out service during the full period of June through September. The System Infrastructure Fixed Charge and Site Infrastructure Charge will be waived during each of those months.

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