

Extension of Facilities to Nonresidential Premises

Rule and Regulation 16

I. Conditions of Service

Applicants for new and upgraded electric service will be required to provide SMUD sufficient advance notice so that service can be rendered by the time such service is desired. By applying for or accepting service from SMUD, a customer agrees to abide by all of SMUD's rates, rules and regulations concerning such service, to provide any rights of way across the customer's own property that SMUD may deem necessary to supply such service, and to cooperate with SMUD in its construction and maintenance of the facilities needed for such service. SMUD may bill the customer for any costs resulting from the customer's failure to comply with the provisions of this paragraph. This rule and regulation shall also apply to public agencies and developments with both nonresidential and residential mixed-use electric service.

II. Extensions of SMUD Distribution Facilities

Line extensions of electric distribution facilities to the boundary of a nonresidential development (at standard voltages specified in Rule and Regulation 2) will normally be constructed, owned, and maintained by SMUD at its expense. Line extensions will be subject to the provisions of SMUD's rules and regulations and the provisions of the applicable rates.

III. Overhead Distribution Facilities within a Development

Generally, overhead facilities will not be extended into new developments. However, when they are extended SMUD will construct, own, and maintain all necessary overhead facilities required to provide service.

IV. Underground Distribution Facilities within a Development

The developer of a nonresidential development will, in accordance with SMUD's specifications:

- a. Perform all necessary excavating and backfilling, including furnishing of any imported backfill material required.
- b. Furnish and install the underground duct system (including necessary conduits, ducts, manholes, vaults, switchgear, pads, and concrete encasement of conduit where required).
- c. Transfer ownership of such facilities to SMUD upon acceptance by SMUD. In the case of approved residential high rise construction, ownership and maintenance of secondary to final service voltage equipment within the customer's building will remain the responsibility of the customer. The customer shall provide open and free access to SMUD meters in designated panel locations throughout the building.
- d. The developer will deposit with SMUD 100 percent of the Cost of SMUD-installed facilities upon completion of the system design and prior to system installation. At the discretion of SMUD, Cost may be determined by application of standard unit costing or by job specific estimates. Standard unit costing may be reviewed and updated at SMUD's discretion. SMUD may extend at its option, financing terms for no longer than 12 months for no more than 50 percent of the Cost. Availability of the financing option will depend on the financial viability and credit-worthiness of the firm, as determined by SMUD. These costs are limited to SMUD's costs of providing distribution facilities within the boundaries of the development and the development-related distribution facilities adjacent to the development. For customers with connected loads of 1 megawatt and greater, these costs will include costs related to the last transformation before delivery to the customer, whether that transformation is from an off-site distribution substation or an on-site SMUD-dedicated substation. SMUD will supply, install, own, and maintain all conductors, switchgear, transformers, and related equipment for the secondary and primary distribution system.
- e. If the applicant does not, within 12 months from the date on which SMUD provided a commitment for service, complete construction so that SMUD facilities can be installed, work authorizations under this rule may be canceled along with any related jobs. The on-site development cost shall be subject to increase in accordance with any change in this rule.
- f. Pay SMUD a nonrefundable design fee at the time of project submittal to SMUD. SMUD may require additional fees as needed to accommodate change-orders or unanticipated design costs.

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V. Fee Offset – SMUD Cost for Distribution Systems

The developer of a non-residential development with an estimated new diversified load of at least 300kW, as determined by SMUD, may be eligible for certain offsets of costs in accordance with the following specifications:

- a. Based on Section IV(D), SMUD will supply, install, own, and maintain all conductors, transformers, and related equipment for the secondary and primary distribution system.
- b. SMUD will apply a Per kW Offset Amount to offset the developer Cost for the SMUD-installed facilities and distribution system.
- c. The estimated kW demand for the Per kW Offset Amount will be determined by SMUD based on diversified load.
- d. The developer furnished and installed underground duct system (including necessary conduits, ducts, manholes, vaults, equipment, pads, and concrete encasement of conduit where required), are not eligible for the Per kW Offset Amount.
- e. The developer will receive a Per kW Offset Amount of not more than 100% of the SMUD total cost, minus the nonrefundable design fee, for the SMUD-installed facilities and distribution system.
- f. The Per kW Offset Amount is determined by SMUD annually based on system impact and budget.
- g. The developer will not receive the Per kW Offset Amount for service at primary or subtransmission voltage, as defined under SMUD service voltages.
- h. SMUD reserves the right to not offer the Per kW Offset Amount for public infrastructure projects that it deems, in its sole discretion, do not stimulate the regional economy long term.
- i. SMUD reserves the right to not offer the Per kW Offset Amount to developers for projects that it deems, in its sole discretion, will not provide sufficient retail revenue to recover the Per kW Offset Amount within 5 years.
- j. On service upgrades, the Per kW Offset is determined by the net new load amount after diversification.
- k. Rule 2 special facility projects are not eligible for the Per kW Offset.

VI. Service at Secondary Voltage

A. Overhead Service

In those areas where it has been determined that SMUD will continue to serve its customer's overhead distribution and where SMUD's distribution pole line is located on a street, highway, lane, alley, road, or private easement immediately contiguous to the customer's premises, SMUD will, at its expense, furnish, install, and own a service drop from its pole line to the nearest point of attachment to the customer's building or other permanent support provided by the customer, at a point to be approved by SMUD.

B. Underground Service

In designated underground areas, SMUD will connect to underground service runs furnished, installed, owned, and maintained by the customer, at the customer's expense, at a service location specified by SMUD. Service run facilities shall include conductor to reach the service location, shall be subject to applicable City and County ordinances, and shall be subject to approval by SMUD as to design and specifications. No customer will be required to install facilities they own and maintain beyond a location in the public utility right of way adjacent to their property. Cost recovery of underground distribution facilities within a development will conform to the provisions of section IV. of this Rule and Regulation.

VII. Service at Primary or Subtransmission Voltage

Wherever adequate service to a customer requires and where, in SMUD's judgment, it is desirable and practicable to do so, SMUD will install on the customer's premises a primary or subtransmission voltage supply line. This supply line will extend to the metering installations or other terminal point, as designated by SMUD.

A. Overhead Conductors

Where the supply line is to be overhead, SMUD will, at its expense, furnish and install the entire line and will make the necessary connections.

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B. Underground Conductors

Where the customer requests and SMUD agrees, or where SMUD determines that the primary or subtransmission voltage supply line be underground or otherwise in conduit, in whole or in part, the customer shall furnish and install the entire conduit system including manholes, pull boxes, and pull wires as designated by SMUD. All such facilities shall be subject to approval by SMUD as to design and specifications. No customer will be required to install facilities beyond a location in the public utility right of way adjacent to the customer's property. SMUD will furnish and install the electrical conductors and make the necessary connections. Cost recovery of underground distribution facilities within a development will conform to the provisions of section IV. of this Rule and Regulation.

VIII. Service Connections

SMUD will not connect to any one building more than one service for each voltage classification, either overhead or underground, except for SMUD's operating convenience, or where, in SMUD's judgment, such additional services may be warranted because of the load requirements, or where the customer is required by law to install emergency lighting facilities. Connections of such service to or disconnection of such service from SMUD's lines shall be made only by authorized SMUD employees.

IX. Requests for Change in Service Voltage

Where the customer requests and SMUD consents, a change in service voltage may occur provided that all SMUD costs including unrecovered costs less salvage value, relocation costs, and site restoration costs are at the requesting customer's expense. Such change may involve all voltage level classes as defined under the applicable Commercial Industrial rate schedule.

X. Extensions for Temporary Service

Extension for temporary service will be made under the provisions of Rule and Regulation 13, Temporary Service.

XI. SMUD Ownership of Facilities, Right of Access, and Right of Way

All facilities installed on a customer's premises, including but not limited to conductors, transformer, poles, meters, etc., which SMUD furnishes in order to render electric service, shall remain the sole property of SMUD. SMUD will maintain such facilities and shall have the right of access to the customer's premises, without payment of any charge or rent therefore, at all reasonable hours for any purpose related to the furnishing of electric service. This shall include but is not limited to meter reading, testing, inspection, construction, maintenance, and repair of facilities. Upon termination of service, and for a reasonable period thereafter, SMUD shall have the right of access to the customer's premises to remove its facilities installed thereon. The customer shall grant to SMUD rights of way and rights of access, satisfactory to SMUD, for the installation and maintenance of the necessary electrical conductors and their connections.

XII. Customer Responsibility for Facilities

A. SMUD Facilities

The customer shall exercise reasonable care to prevent SMUD facilities installed on the customer's premises from being damaged or destroyed and shall refrain from tampering or interfering with such facilities, and if any defect therein is discovered by the customer, the customer shall promptly notify SMUD thereof.

B. Customer Facilities

The customer shall be solely responsible for the transmission and delivery of all electric energy over or through the customer's wires and equipment, and SMUD shall not be responsible for any loss or damage occasioned thereby. The customer shall be responsible for the installation and maintenance of all facilities not transferred to SMUD ownership, including customer-owned conduits, manholes, and vaults.

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