

Rule 16
SERVICE EXTENSIONS

Sheet 1

Applicability: This rule is applicable to both (1) SCE Service Facilities¹ that extend from SCE's Distribution Line facilities to the Service Delivery Point, and (2) service related equipment required of Applicant on Applicant's Premises to receive electric service.

A. General

1. Design. SCE will be responsible for planning, designing, and engineering Service Extensions using SCE's standards for design, materials and construction. Applicant may elect to design that portion of the new Service Extension normally designed by SCE in accordance with the applicant design provisions of Rule 15.
2. Service Facilities. SCE's Service Facilities shall consist of (a) primary or secondary underground or overhead service conductors, (b) poles to support overhead service conductors, (c) service transformers, (d) SCE-owned Metering equipment, and (e) other SCE-owned service related equipment.
3. Ownership of Facilities. Service Facilities installed under the provisions of this rule shall be owned, operated, and maintained by SCE if they are (a) located in the street, road or Franchise Area of SCE, (b) installed by SCE under section D.2 below on Applicant's Premises for the purpose of the delivery of electric energy to Applicant, or (c) installed by Applicant under the provisions of this rule, and conveyed to SCE.
4. Private Lines. SCE shall not be required to connect Service Facilities to or serve any Applicant from electric facilities that are not owned, operated, and maintained by SCE.
5. Special or Added Facilities. Any special or added facilities SCE installs at the request of Applicant, will be installed at Applicant's expense in accordance with Rule 2, Description of Service.
6. Temporary Service Facilities. Service Facilities installed for temporary service or for operations of speculative character or questionable permanency shall be made in accordance with the fundamental installation and ownership provisions of this rule, except that all charges and refunds shall be made under the provisions of Rule 13, Temporary Service.
7. Street Lights. Street light services and appurtenant facilities shall be installed in accordance with the service provisions of the applicable street light schedule.

^{1/} Certain words beginning with capital letters are defined either within the provisions of this rule or in Section H.

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Rule 16
SERVICE EXTENSIONS

Sheet 2

(Continued)

A. General. (Continued)

8. Contracts. Each Applicant requesting service may be required to execute a written contract(s) prior to SCE performing its work to establish service. Such contract(s) shall be in the form on file with the California Public Utilities Commission (Commission).
9. Distribution Line Extensions. Whenever SCE's distribution system is not complete to the point designated by SCE where the Service Extension is to be connected to SCE's distribution system, the extension of Distribution Line facilities will be installed in accordance with Rule 15, Distribution Line Extensions.
10. Rights-of-Way. Rights-of-way or easements may be required by SCE to install Service Facilities on Applicant's property to serve only Applicant.
- a. Service Facilities. If the Service Facilities must cross property owned by a third party to serve Applicant, SCE may, at its option, install such Service Facilities after appropriate rights-of-way or easements, satisfactory to SCE, are obtained without cost to SCE; or
- b. Distribution Line Extensions. If SCE's facilities installed on Applicant's property, or third-party property, will be or are designed to serve adjacent property, then SCE may, at its option, install its facilities under Rule 15, after appropriate rights-of-way or easements, satisfactory to SCE, are obtained without cost to SCE.
- c. Clearances. Any necessary rights-of-way or easements for SCE's facilities shall have provisions to maintain legal clearances from adjacent structures.
11. Access to Applicant's Premises. SCE shall have the right to enter and leave Applicant's Premises for Non-Emergency purposes connected with the furnishing of electric service (e.g. meter reading, inspection, testing, routine repairs, replacement, maintenance, vegetation management, etc.). When necessary, SCE will make prior arrangements with Applicant for gaining access to Applicant's Premises. For Emergency purposes only, SCE may enter Applicant's Premises at all times, without notice to Applicant, and may exercise any and all rights secured to it by law, or under SCE's tariff schedules. These rights include, but are not limited to,

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Rule 16
SERVICE EXTENSIONS

Sheet 3

(Continued)

A. General. (Continued)

11. Access to Applicant's Premises. (Continued)

- a. The use of a SCE-approved locking device, if Applicant desires to prevent unauthorized access to his/her property containing SCE's facilities, (L)
(T)
- b. Safe and ready access for SCE personnel free from unrestrained animals,
- c. Unobstructed ready access for SCE's vehicles and equipment to install, remove, repair, or maintain its facilities, and removal of any and all of its property installed on Applicant's Premises after the termination of service. (T)

12. Service Connections. Only personnel duly authorized by SCE are allowed to connect or disconnect service conductors to or from SCE's Distribution Lines, remove meters unless as allowed under Rule 22, Direct Access, remove SCE-owned Service Facilities, or perform any work upon SCE-owned existing facilities. Installation of passive, non-electrically connected monitoring devices on or near the meter by non-SCE personnel is permitted. Customer is fully responsible for damage to SCE Facilities resulting from the installation of such device. SCE may remove such device if the device creates a safety hazard, interferes with meter functionality or meter reading procedures, and/or if it is necessary to permit work upon SCE-owned facilities, including the meter. SCE is not responsible for validating any data produced from these devices.

B. Metering Facilities

1. General.

- a. Meter All Usage. Delivery of all electric power and energy will be metered, unless otherwise provided for by SCE's tariff schedules or by other applicable laws.
- b. Meter Location. All meters and associated metering equipment shall be located at some protected location on Applicant's Premises as approved by SCE.

2. Number of Meters. Normally only one meter will be installed for a single-family residence or a single non-residential enterprise on a single Premises, except:

- a. When otherwise required or allowed under SCE's tariff schedules;
- b. At the option of and as determined by SCE, for its operating convenience, consistent with its engineering design; or
- c. When required by law or local ordinance.
- d. When additional services are granted by SCE.

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Rule 16
SERVICE EXTENSIONS

Sheet 4

(Continued)

B. Metering Facilities. (Continued)

2. Number of Meters. (Continued)

A single meter is required for each single enterprise operating in one building or group of buildings or other development on a single Premises such as, but not limited to, a commercial business, school campus, industrial manufacturer, or recreational vehicle park, unless otherwise approved by SCE.

3. Multiple Occupancy. In a building with two or more tenants, or where more than one meter is furnished on the same Premises, the meters normally shall be grouped at one central location, or as otherwise specified by SCE, and each meter position or socket shall be clearly and permanently marked by Applicant, customer, or owner of the Premises to indicate the particular unit, occupancy, or load supplied by it.

a. Residential. For revenue billing, electric service shall be individually metered to every residential unit in a residential building or group of buildings or other development with multiple tenants such as, but not limited to, apartment buildings, mobile home parks, etc., except as may be specified in Rule 18 and applicable rate schedules.

b. Non-Residential. For revenue billing, electric service shall be individually metered to each tenant in a non-residential building or group of buildings or other development on a single Premises with multiple tenants or enterprises (such as, but not limited to, an office building or shopping center complex). Alternative metering arrangements as determined by SCE may be allowed only as specified in Rule 18 and applicable rate schedules.

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Rule 16
SERVICE EXTENSIONS

Sheet 5

(Continued)

C. Service Extensions.

1. General Location. The location of the Service Extension shall extend:
 - a. Franchise Area. From the point of connection at the Distribution Line to Applicant's nearest property line abutting upon any street, highway, road, or right-of-way, along which it already has, or will install distribution facilities, and
 - b. Private Property. On private property, along the shortest, most practical and available route (clear of obstructions) as necessary to reach a Service Delivery Point designated by SCE.
2. Number of Service Extensions. SCE will not normally provide more than one Service Extension, including associated facilities, either overhead or underground for any one building or group of buildings, for a single enterprise on a single Premises, except:
 - a. Tariff Schedules. Where otherwise allowed or required under SCE's tariff schedules; or
 - b. SCE Convenience. At the option of and as determined by SCE, for its operating convenience, consistent with its engineering design for different voltage and phase classification, or when replacing an existing service; or
 - c. Ordinance. Where required by ordinance or other applicable law, for such things as fire pumps, fire alarm systems, etc.
 - d. Other. SCE may charge for additional services provided under this paragraph, as special or added facilities.
3. Underground Installations. Underground Service Extensions will be installed:
 - a. Underground Required. Underground Service Extensions (1) shall be installed where required to comply with applicable tariff schedules, laws, ordinances, or similar requirements of governmental authorities having jurisdiction, and (2) may be necessary as determined by SCE where Applicant's load requires a separate transformer installation of 300 kVa or greater.

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Rule 16
SERVICE EXTENSIONS

Sheet 6

(Continued)

C. Service Extensions. (Continued)

3. Underground Installations. (Continued)

b. Underground Optional. An underground Service Extension may be installed in an area where it is not otherwise required and when requested by Applicant and agreed upon by SCE.

c. Beginning August 2, 2010, SCE will no longer accept requests under the Added Facilities provision of Rule 2, Section H, for underground distribution systems that call for specified pieces of electrical equipment to be installed in below-ground structures in circumstances where it is technically feasible to install the equipment above ground. Such requests will no longer be accepted for situations indicated in c.i., c.ii., and with certain exceptions c.iii., below. However, all requests which call for below-ground installations that are received by SCE prior to August 2, 2010 will be "grandfathered" and not subject to the provisions of this Rule section. These grandfathered requests must be approved by SCE for construction by December 3, 2010 and installed by December 2, 2011.

i. New construction on any property except public property and public rights-of-way;

ii. Circumstances in which capacity upgrades, conversions, and relocations are required due to customer-driven renovations of existing structures or other building activities on any property except public property and public rights of way resulting in a change of use or occupancy as defined in state or local law;

iii. Except for situations on a case-by-case basis in which the local authority and SCE agree to locate Equipment above ground because the above-ground location is technically feasible for the installation.

For purposes of this provision, specified pieces of equipment include all primary voltage from 4 kV to 35 kV electrical distribution system equipment (Equipment), including, but not limited to, transformers, switches and fuses, capacitors, and junction bars.

"Technically feasible" means that enough space is, or can be made, available above ground for the electrical distribution Equipment needed for SCE to serve customers and that other requirements, such as obtaining the required permits, are met. The required space is defined by existing design standards within the operation and maintenance requirements that are in compliance with applicable safety codes and regulations such as CPUC General Order 128.

(N)

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(L)

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Rule 16
SERVICE EXTENSIONS

Sheet 7 (N)

(Continued)

C. Service Extensions. (Continued) (N)

3. Underground Installations. (Continued)

c. (Continued)

Where SCE has existing primary voltage distribution equipment installed in below-ground structures, the equipment will continue to be operated and maintained below ground. However, in accordance with Section c.iii., above, where existing below-ground Equipment must be modified by SCE, above-ground retrofits shall only occur in circumstances in which capacity upgrades, conversions, and relocations are required due to customer-driven renovations of existing structures or other building activities resulting in a change of use or occupancy as defined in state or local law; or when agreed to by the local authority and SCE on a case-by-case basis.

Design and installation of any above-ground Equipment shall comply with the typical installations depicted in SCE's Above-Ground Equipment Aesthetics Improvement Manual and SCE's Distribution Design Manual, as well as land use laws, including local ordinances respecting matters of public health, safety and convenience, that are of general applicability to above-ground utility structures regardless of ownership, to the extent the same would not directly or effectively require the Equipment to be located underground.

When modifying existing Equipment installed in the above-ground public rights-of-way, SCE shall comply with local ordinances respecting matters of public health and safety and convenience, to the extent that the same are of general applicability to other utility and public works structures or equipment, regardless of ownership, installed in the public rights of way, do not directly or effectively require the Equipment to be located underground, or otherwise conflict with the design standards contained in SCE's Distribution Design Manual and similar documents. (N)

4. Overhead Installations. Overhead Service Extensions are permitted except under the circumstances specified in section C.3.a above. (L)

5. Unusual Site Conditions. In cases where Applicant's building is located a considerable distance from the available Distribution Line or where there is an obstruction or other deterrent obstacle or hazard such as plowed land, ditches, or inaccessible security areas between SCE's Distribution Line and Applicant's building or facility to be served that would prevent SCE from prudently installing, owning, and maintaining its Service Facilities, SCE may at its discretion, waive the normal Service Delivery Point location. In such cases, the Service Delivery Point will be at such other location on Applicant's property as may be mutually agreed upon; or, alternatively, the Service Delivery Point may be located at or near Applicant's property line as close as practical to the available Distribution Line. (L)

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Rule 16
SERVICE EXTENSIONS

Sheet 8 (T)

(Continued)

D. Responsibilities for New Service Extensions (T)

1. Applicant Responsibility. In accordance with SCE's design, specifications, and requirements for the installation of Service Extensions, subject to SCE's inspection and approval, Applicant is responsible for: (L)

a. Service Extensions.

(1) Clear Route. Providing (or paying for) a route on any private property that is clear of obstructions which would inhibit the construction of either underground or overhead Service Extensions.

(2) Excavation. All necessary trenching, backfilling, and other digging as required including permit fees. (L)

(3) Conduit and Substructures.

(a) furnishing, installing, owning, and maintaining all Conduits (including pull wires) and Substructures on Applicant's Premises.

(b) installing (or paying for) any Conduits and Substructures in SCE's Franchise Area (or rights-of-way, if applicable) as necessary to install the Service Extension.

(c) conveying ownership to SCE upon its acceptance of those Conduits and Substructures not on Applicant's Premises.

(4) Protective Structures. Furnishing, installing, owning, and maintaining all necessary Protective Structures as specified by SCE for SCE's facilities on Applicant Premises.

b. Applicant's Facility Design and Operation. Applicant shall be solely responsible to plan, design, install, own, maintain, and operate facilities and equipment beyond the Service Delivery Point (except for SCE-owned metering facilities) in order to properly receive and utilize the type of electric service available from SCE. Refer to Rule 2 for a description, among other things, of:

(1) Available service delivery voltages and the technical requirements and conditions to qualify for them,

(2) Customer utilization voltages,

(3) Load balancing requirements,

(4) Requirements for installing electrical protective devices,

(5) Loads that may cause service interference to others, and

(6) Motor starting limitations.

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SERVICE EXTENSIONS

Sheet 9 (T)

(Continued)

D. Responsibilities for New Service Extensions. (Continued) (T)

1. Applicant Responsibility. (Continued)

- c. Required Service Equipment. Applicant shall, at its sole liability, risk, and expense, be responsible to furnish, install, own, maintain, inspect, and keep in good and safe condition, all facilities of any kind or character on Applicant's Premises that are not the responsibility of SCE but are required by SCE for Applicant to receive service. Such facilities shall include but are not limited to the overhead or underground termination equipment, Conduits, service entrance conductors from the Service Delivery Point to the location of SCE's metering facilities, connectors, meter sockets, meter and instrument transformer housing, service switches, circuit breakers, fuses, relays, wireways, metered conductors, machinery and apparatus of any kind or character. Detailed information on SCE's service equipment requirements will be furnished by SCE.
- d. Coordination of Electrical Protective Devices. When, as determined by SCE, Applicant's load is of sufficient size as to require coordination of response time characteristics between Applicant's electrical protective devices (circuit breakers, fuses, relays, etc.) and those of SCE, it shall be Applicant's responsibility to provide such coordination in accordance with Rule 2.
- e. Liability. SCE shall incur no liability whatsoever, for any damage, loss or injury occasioned by:
 - (1) Applicant-owned equipment or Applicant's transmission and delivery of energy or,
 - (2) The negligence, omission of proper protective devices, want of proper care, or wrongful act of Applicant, or any agents, employees, or licensees of Applicant, on the part of Applicant in installing, maintaining, using, operating, or interfering with any such conductors, lines, machinery, or apparatus.

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Rule 16
SERVICE EXTENSIONS

Sheet 10 (T)

(Continued)

D. Responsibilities for New Service Extensions. (Continued) (T)

1. Applicant Responsibility. (Continued)

f. Facility Tampering. Applicant shall provide a suitable means acceptable to SCE for placing its seals on meter rings and covers of service enclosures and instrument transformer enclosures which protect unmetered energized conductors installed by Applicant. All SCE-owned meters and enclosure covers will be sealed only by SCE's authorized employees and such seals shall be broken only by SCE's authorized employees. However, in an emergency, SCE may allow a public authority or other appropriate party to break the seal. Any unauthorized tampering with SCE-owned seals or connection of Applicant-owned facilities to unmetered conductors at any time is prohibited and is subject to the provisions of Rule 11 for unauthorized use.

g. Transformer Installations on Applicant's Premises. Transformer installations on Applicant's Premises shall be as specified by SCE and in accordance with the following applicable provisions:

(1) Space for Transformers. Applicant shall provide space on Applicant's Premises at a location approved by SCE for a standard transformer installation including any necessary switches, capacitors, and electric protective equipment where required if (a) in an overhead area, SCE determines that the load to be served is such that a separate transformer installation, or (b) if SCE determines that the installation of a padmounted or subsurface transformer of any size is required on Applicant's Premises to serve only Applicant.

(2) Padmounted Equipment. In SCE's standard installation, Applicant shall furnish, install, own, and maintain, at its expense, Substructures and any required Protective Structures as specified by SCE for the proper installation of the transformer, switches, capacitors, etc. as determined by SCE.

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Rule 16
SERVICE EXTENSIONS

Sheet 11 (T)

(Continued)

D. Responsibilities for New Service Extensions. (Continued) (T)

1. Applicant Responsibility. (Continued)

g. Transformer Installations on Applicant's Premises. (Continued)

(3) Single SCE-Owned Customer Substation. When SCE elects for its operating convenience to supply Applicant from a transmission line and install a SCE-owned substation on Applicant's Premises, Applicant shall furnish, install, own and maintain at its expense the necessary site improvements as specified by SCE for the proper installation of the transformer. Such improvements shall include but are not limited to a concrete pad or foundation, grounding system, fences and gates, access road, grading, and paving as required, etc. Detailed information on SCE's requirements for a single customer substation will be furnished by SCE.

(4) Transformer Room or Vault. Where Applicant requests and SCE approves the installation of the transformer(s) in a vault or room on Applicant's Premises, rather than SCE's standard padmounted installation,

(a) The room or vault on Applicant's Premises shall be furnished, installed, owned, and maintained by Applicant and shall meet SCE's specifications for such things as access, ventilation, drainage, grounding system, etc.

(b) If space cannot be provided on Applicant's Premises for the installation of a transformer on either a pad or in a room or vault, a vault will be installed at Applicant's expense in the street near the property line. It shall be Applicant's responsibility to install (or pay for) such vault if not restricted by governmental authority having jurisdiction and Applicant shall convey ownership of the vault to SCE upon its acceptance. The additional facilities shall be treated as special or added facilities under the provisions of Rule 2.

If SCE's installed cost for the transformer in the room or vault is more costly than the standard padmounted transformer installation, the additional costs shall be paid by Applicant as special or added facilities.

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Rule 16
SERVICE EXTENSIONS

Sheet 12 (T)

(Continued)

D. Responsibilities for New Service Extensions. (Continued) (T)

1. Applicant Responsibility. (Continued)

g. Transformer Installations on Applicant's Premises. (Continued)

(5) Transformer Lifting Requirements. Where SCE has installed or agrees to install, transformers at locations where SCE cannot use its standard transformer lifting equipment and special lifting facilities are required to install or remove the transformers on Applicant's Premises, Applicant shall, at its expense, (a) furnish, install, own, and maintain permanent lifting facilities and be responsible for lifting the transformer to and from its permanent position, or (b) provide (or pay for) portable lifting facilities acceptable to SCE for installing or removing the transformers. Rights-of-way and space provisions shall be provided by Applicant such that access and required clearances from adjacent structures can be maintained. SCE may require a separate contract for transformer lifting requirements.

(6) Overhead Transformers. In remote areas or in areas not zoned for residential or commercial use or for underground services, padmounted transformers are preferred for installation on Applicant's Premises however, where SCE determines that it is not practical to install a transformer on a pad, in a room or vault, SCE may furnish a pole-type structure for an installation not exceeding 500 kVA.

h. Building Code Requirements. Any service equipment and other related equipment owned by Applicant, as well as any vault, room, enclosure, or lifting facilities for the installation of transformers shall conform with applicable laws, codes, and ordinances of all governmental authorities having jurisdiction.

i. Reasonable Care. Applicant shall exercise reasonable care to prevent SCE's Service Extension, other SCE facilities, and meters owned by SCE or others on the Applicant's Premises from being damaged or destroyed, and shall refrain from interfering with SCE's operation of the facilities and shall notify SCE of any obvious defect. Applicant may be required to provide and install suitable mechanical protection (barrier posts, etc.) as required by SCE.

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Rule 16
SERVICE EXTENSIONS

Sheet 13 (T)

(Continued)

D. Responsibilities for New Service Extensions. (Continued) (T)

2. SCE Responsibility.

a. Service, Meter, and Transformer. SCE will furnish, install, own, and maintain the following Service Facilities as applicable after Applicant meets all requirements to receive service:

- (1) **Underground Service.** A set of service conductors to supply permanent service from the Distribution Line source to the Service Delivery Point approved by SCE.
- (2) **Riser Materials.** Any necessary pole riser material for connecting underground services to an overhead Distribution Line.
- (3) **Overhead Service.** A set of overhead service conductors and support poles to supply permanent service from a Distribution Line source to a suitable support at the Service Delivery Point approved by SCE. Such support shall be of a type and located such that service wires may be installed in accordance with good engineering practice and in compliance with all applicable laws, ordinances, rules, and regulations including those governing clearances and points of attachment.
- (4) **Metering.** When the meter is owned by SCE, SCE will be responsible for the necessary instrument transformers where required, test facilities, meters, associated metering equipment, and the metering enclosures when SCE elects to locate metering equipment at a point that is not accessible to Applicant.
- (5) **Transformer.** The transformer where required, including any necessary switches, capacitors, electrical protective equipment, etc. When either a padmounted or overhead transformer is installed on Applicant's Premises, the Service Extension shall include the primary conductors from the connection point at the distribution supply line to the transformer and the secondary conductors, if any, from the transformer to the Service Delivery Point.

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Rule 16
SERVICE EXTENSIONS

Sheet 14 (T)

(Continued)

D. Responsibilities for New Service Extensions. (Continued) (T)

2. SCE Responsibility. (Continued)

- b. Special Conduit Installations. SCE shall own and maintain service Conduits only if: (1) they are located in the same trench with distribution facilities, and (2) when it is necessary to locate Conduits on property other than that owned by Applicant, as determined by SCE, or as may be required by local authorities.
- c. Cable-In-Conduit. In those cases where SCE had elected to install conductors using pre-assembled cable-in-conduit (CIC), the conduit portion will be considered a part of the conductor installation provided by SCE.
- d. Government Inspection. SCE will establish electric service to Applicant following notice from the governmental authority having jurisdiction that the Applicant-owned facilities have been installed and inspected in accordance with any applicable laws, codes, ordinances, rules, or regulations, and are safe to energize.

3. Installation Options.

- a. SCE-Performed Work. Where requested by Applicant and mutually agreed upon, SCE may perform that portion of the new Service Extension work normally the responsibility of Applicant according to Section D.1 above provided Applicant pays SCE its estimated installed cost.
- b. Applicant-Performed Work. Under competitive bidding, the applicant may install that portion of the new Service Extension normally installed and owned by SCE in accordance with the same provisions outlined in Rule 15.

E. Allowances and Payments by Applicant

- 1. Allowances. The allowance for Distribution Line Extensions, Service Extensions, or a combination thereof, for Permanent Residential and Non-Residential service is determined by SCE in accordance with the provisions of Rule 15, Section C. The allowance will first be applied to the Service Extension. Any excess allowance will be applied to the Distribution Line Extension, in accordance with Rule 15, to which the Service Extension is connected.

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Rule 16
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Sheet 15 (T)

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E. Allowances and Payments by Applicant. (Continued)

2. Seasonal, Intermittent, Emergency and Insignificant Loads. When an Applicant requests service that requires a Service Extension to serve loads that are Seasonal or Intermittent, the allowance for such loads shall be determined using the formula in Rule 15. No allowance will be provided where service is used only for emergency purposes, or for Insignificant Loads.
3. Payments. Applicant is responsible to pay SCE the following non-refundable costs as applicable under this rule and in advance of SCE commencing its work:
 - a. Pole Riser. SCE's estimated installed costs of any riser materials on its poles.
 - b. Excess Service. SCE's total estimated installed cost (including appurtenant facilities, such as connectors, service conductors, service transformers, and metering equipment) in excess of the allowance.
 - c. Tax. Any payments or contribution of facilities by Applicant are taxable Contributions in Aid of Construction (CIAC) and shall include an Income Tax Component of Contribution (ITCC) for state and federal tax at the rate provided in SCE's Preliminary Statement.
 - d. Other. SCE's total estimated installed cost for any work it performs that is Applicant's responsibility or performs for the convenience of Applicant.

F. Existing Service Facilities.

1. Service Reinforcement
 - a. SCE Owned. When SCE determines that its existing Service Facilities require replacement, the existing Service Facilities shall be replaced as a new Service Extension under the provisions of this rule.

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Rule 16
SERVICE EXTENSIONS

Sheet 16 (T)

(Continued)

F. Existing Service Facilities. (Continued)

1. Service Reinforcement. (Continued)

- b. Applicant-Owned. When SCE determines that existing Applicant-owned service facilities (installed under a prior rule) require replacement, such replacement shall be accomplished under the provisions for a new Service Extension, except that if SCE determines that any portion of Applicant's existing service conductors can be utilized by SCE, Applicant will convey any such usable part to SCE and an appropriate credit by SCE may be allowed to Applicant.

Applicant will replace or reinforce that portion of the Service Extension which Applicant will continue to own under the provisions of this rule for new services.

2. Service Relocation or Rearrangement.

- a. SCE Convenience. When, in the judgment of SCE, the relocation or rearrangement of a service, including SCE-owned transformers, is necessary for the maintenance of adequate service or for the operating convenience of SCE, SCE normally will perform such work at its own expense, except as provided in Sections F.2.b. and F.5.
- b. Applicant Convenience. Any relocation or rearrangement of SCE's existing Service Facilities at the request of Applicant (aesthetics, building additions, remodeling, etc.) and agreed upon by SCE shall be performed in accordance with Section D above except that Applicant shall pay SCE its total estimated costs.

In all instances, SCE shall abandon or remove its existing facilities, at the option of SCE, rendered idle by the relocation or rearrangement.

(Continued)

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Rule 16
SERVICE EXTENSIONS

Sheet 17 (T)

(Continued)

F. Existing Service Facilities. (Continued)

3. Impaired Access and Clearances. Whenever SCE determines that:
 - a. Access. Its existing Service Facilities have become inaccessible for inspecting, operating, maintenance, meter reading, or testing, or
 - b. Clearances. A hazardous condition exists or any of the required clearances between the existing Service Facilities and any object becomes impaired under any applicable laws, ordinances, rules, or regulations of SCE or public authorities, then the following applies
 - c. Corrective Action. Applicant or owner shall, at Applicant's or owner's expense, either correct the access or clearance infractions or pay SCE its total estimated cost to relocate its facilities to a new location which is acceptable to SCE. Applicant or owner shall also be responsible for the expense to relocate any equipment which Applicant owns and maintains. Failure to comply with corrective measures within a reasonable time may result in discontinuance of service.
4. Overhead to Underground Service Conversions.
 - a. Rule 20. Where an existing overhead Distribution Line is replaced by an underground distribution system in accordance with Rule 20, Replacement of Overhead With Underground Electric Facilities, new underground services will be installed under Rule 16, Service Extensions.
 - b. Applicant's Convenience. Where overhead services are replaced by underground services for Applicant's convenience, Applicant shall perform all Excavation, furnish and install all Substructures, and pay SCE its total estimated installed cost to complete the new service and remove the overhead facilities.
5. Damaged Facilities. When SCE's facilities are damaged by others, the repair will be made by SCE at the expense of the party responsible for the damage. Applicants are responsible for repairing their own facilities.

(Continued)

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Rule 16
SERVICE EXTENSIONS

(Continued)

F. Existing Service Facilities. (Continued)

- 6. Subdivision of Premises. When SCE's Service Facilities are located on private property and such private property is subsequently subdivided into separate Premises with ownership divested to other than Applicant or customer, the subdivider is required to provide SCE with adequate rights-of-way satisfactory to SCE for its existing facilities and to notify property owners of the subdivided Premises of the existence of the rights-of-way.

When adequate rights-of-way are not granted as a result of the property subdivision, SCE shall have the right, upon written notice to Applicant, to discontinue service without obligation or liability. The existing owner, Applicant, or customer shall pay to SCE the total estimated cost of any required relocation or removal of SCE's facilities. A new electric service will be re-established in accordance with the provisions of Section D above for new service and the provisions of any other applicable SCE rules.

G. Exceptional Cases.

When the application of this rule appears impractical or unjust to either party, or ratepayers, SCE or Applicant may refer the matter to the Commission for a special ruling or for approval of special conditions which may be mutually agreed upon.

H. Definitions for Rule 16.

Applicant: A person or agency requesting SCE to supply electric service.

Conduit: Ducts, pipes, or tubes of certain metals, plastics or other materials acceptable to SCE (including pull wires and concrete encasement where required) for the installation and protection of electric wires and cables.

Distribution Lines: SCE's overhead and underground facilities which are operated at distribution voltages as set forth in SCE's Rule 2 and which are designed to supply two (2) or more services.

Emergency: Whenever, in SCE's discretion, a condition exists, that, if left uncorrected, could result in harm to personnel, damage to equipment, loss of system integrity or when any other hazardous condition exists or whenever access is necessary for emergency service restoration, and such immediate action is necessary to protect persons, SCE's facilities or property of others from damage, or due to the failure of a protective device to operate properly, or a malfunction of any electrical system equipment or a component part thereof.

(N)
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(N)

Excavation: All necessary trenching, backfilling, and other digging as required to install Service Extensions including furnishing of any imported backfill material, concrete encasement to protect conduit, and disposal of spoil as required, surface repair and replacement, landscape repair and replacement.

(Continued)

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Rule 16
SERVICE EXTENSIONS

Sheet 19

(Continued)

H. Definitions for Rule 16. (Continued)

Franchise Area: Public streets, roads, highways, and other public ways and places where SCE has a legal right to occupy under franchise agreements with governmental bodies having jurisdiction.

Insignificant Loads: Small operating loads such as gate openers, valve controls, clocks, timing devices, fire protection equipment, alarm devices, etc.

Intermittent Loads: Loads which, in the opinion of SCE, are subject to discontinuance for a time or at intervals.

Non-Emergency: Conditions or situations that are not Emergencies, including but not limited to metering reading, inspection, testing, routine repairs, replacement, and maintenance. (N)
(N)

Premises: All of the real property and apparatus employed in a single enterprise on an integral parcel of land undivided, excepting in the case of industrial, agricultural, oil field, resort enterprises, and public or quasi-public institutions, by a dedicated street, highway or public thoroughfare or a railway. Automobile parking lots constituting a part of and adjacent to a single enterprise may be separated by an alley from the remainder of the Premises served.

Protective Structures: Fences, retaining walls (in lieu of grading), sound barriers, posts, barricades and other structures as required by SCE.

Seasonal Service: Electric service to establishments which are occupied seasonally or intermittently, such as seasonal resorts, cottages, or other part-time establishments.

Service Delivery Point: Where SCE's Service Facilities are connected to either Applicant's conductors or other service termination facility designated and approved by SCE.

Service Extension: The overhead and underground primary or secondary facilities (including, but not limited to SCE-owned Service Facilities and Applicant-owned service facilities) extending from the point of connection at the Distribution Line to the Service Delivery Point. When an underground Service Extension is supplied from a SCE-designated overhead pole, the beginning point of connection to SCE's Distribution Line shall be where the Service Extension is connected to SCE's overhead Distribution Line conductors.

Substructures: The surface and subsurface structures which are necessary to contain or support SCE's electric facilities. This includes but is not limited to splice boxes, pull boxes, equipment vaults and enclosures, foundations or pads for surface-mounted equipment.

Unsafe Operating Conditions: Conditions that, if left uncorrected, could result in harm to personnel, damage to equipment, and/or loss of system integrity or operation. (N)
(N)

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