SOUTH LAKE TAHOE, CALIFORNIA

Canceling 2nd Revised

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Rule No. 16

SERVICE EXTENSIONS

APPLICABILITY: This rule is applicable to both (1) Utility Service Facilities that extend from Utility's Distribution Line faci lities to the Service Delivery Point, and (2) service related equipment required of Applicant on Applicant's Premises to receive electric service.

CONSTRUCTION AND DESIGN SPECIFICATIONS, STANDARDS, TERMS, AND CONDITIONS OF A NEW EXTENSION OF SERVICE PROJECT

- 1. In compliance with Section 783 of the Public Utilities Code, the Utility will apply only those construction and design specifications, standards, terms, and conditions that are applicable to a new extension of service project for the 18 months following the date the application for a new extension of service project is approved.
- 2. The Utility may adopt modifications to those construction and design specifications, standards, terms, and conditions applicable to a new extension-of-service project only in accordance with any of the following:
 - An emergency order or decision of the California Public Utilities a. Commission (CPUC) or any other state or federal agency with jurisdiction.
 - A work order issued by the Utility to implement construction or design b. changes necessitated by a customer-driven scope of work modification.
 - C. A material-related design change identified by the Utility to remedy a construction material defect that could pose a risk to public safety.
- 3. Approval date of a new extension of service application refers to the earlier of either the effective date of the contract for the extension of electric service or the date when the Utility first invoices the customer for the extension of electric service. "Invoice" to mean when the Utility presents an offer to the customer for the extension of service in response to an application for an extension of service submitted pursuant to the regulations of the CPUC and applicable specifications of the Utility.

GENERAL B.

1. **DESIGN.** Utility will be responsible for planning, designing, and engineering its Service Facilities and Service Lateral facilities using Utility's standards for design, materials and construction.

(Continued) Issued by Christopher A. Alario Advice Letter No. 161-E Date Filed February 3, 2021 Name President Effective February 3, 2021 Decision No. Title Resolution No.

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		Page 2 <u>Rule No. 16</u>		
		SERVICE EXTENSIONS		
В. С	GENE	RAL (Continued)		
2	2.	SERVICE FACILITIES: Utility's Service Facilities shall consist of (a) overhead Service Lateral conductors, (b) metering equipment, and (c) other Utility-owned service related equipment. (T)		
3	3.	OWNERSHIP OF FACILITIES. Service Facilities installed under the provisions of this rule shall be owned, operated, and maintained by Utility if they are (a) located in the street, road or Franchise Area of Utility, (b) installed by Utility 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 Utility.		
4	1.	PRIVATE LINES. Utility shall not be required to connect Service Facilities to or serve any Applicant from electric facilities that are not owned, operated, and maintained by Utility.		
5	5.	SPECIAL OR ADDED FACILITIES. Any special or added facilities Utility installs at the request of Applicant, will be installed at Applicant's expense in accordance with Rule 2, Description of Service.		
6	3.	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.		
 STREET LIGHTS. Street light services and appurtenant facilities sha accordance with the service provisions of the applicable street light s 				
8	3.	CONTRACTS. Each Applicant requesting service may be required to execute a written contract(s) prior to Utility performing its work to establish service. Such contract(s) shall be in the form on file with the California Public Utilities Commission (Commission).		
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SERVICE EXTENSIONS

- B. **GENERAL** (Continued)
 - DISTRIBUTION LINE EXTENSIONS. Whenever Utility's distribution system is not complete to the point designated by Utility where the Service Lateral is to be connected to Utility's distribution system, or said Utility distribution system must be upgraded to provide new service lateral, applicants project would then fall under the Rule 15 designation and would follow in accordance with Rule 15, (T) Distribution Line Extensions.
 - **10. RIGHTS-OF-WAY.** Rights-of-way or easements maybe required by Utility 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, Utility may, at its option, install such Service Facilities after appropriate rights-of-way or easements, satisfactory to Utility, are obtained without cost to Utility; or
 - b. LINE EXTENSIONS. If Utility's facilities installed on Applicant's property, or third-party property, will be or are designed to serve adjacent property, then Utility may, at its option, install its facilities under Rule 15, after appropriate rights-of-way or easements, satisfactory to Utility, are obtained without cost to Utility.
 - c. CLEARANCES. Any necessary rights-of-way or easements for Utility's facilities shall have provisions to maintain legal clearances from adjacent structures.
 - 11. ACCESS TO APPLICANT'S PREMISES. Utility shall at all times have the right to enter and leave Applicant's Premises for any purpose connected with the furnishing of electric service (meter reading, inspection, testing, routine repairs, replacement, maintenance, emergency work, etc.) and the exercise of any and all rights secured to it by law, or under Utility's tariff schedules. These rights include, but are not limited to,
 - a. The use of a utility-approved locking device, if Applicant desires to prevent unauthorized access to Utility's facilities;
 - b. Safe and ready access for Utility personnel free from unrestrained animals;

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SERVICE EXTENSIONS

- E. RESPONSIBILITIES FOR NEW SERVICE FACILITIES (Continued)
 - 1. APPLICANT RESPONSIBILITY. (Continued)
 - **f. FACILITY TAMPERING**. (Continued)

employees. However, in an emergency, Utility may allow a public authority or other appropriate party to break the seal. Any unauthorized tampering with utility-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. (D)

 Transformer installations on Applicant's Premises shall be as specified by

 Utility and in accordance with the following applicable provisions:
 - on Applicant's Premises at a location approved by Utility for a standard transformer installation including any necessary switches, capacitors, and electric protective equipment where required if (a) in an overhead area, Utility determines that the load to be served is such that a separate transformer installation, or (b) if Utility 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 Utility's standard installation, Applicant shall furnish, install, own, and maintain, at its expense, Substructures and any required Protective Structures as specified by Utility for the proper installation of the transformer, switches, capacitors, etc. as determined by Utility.
 - (3) SINGLE UTILITY-OWNED CUSTOMER SUBSTATION. When Utility elects for its operating convenience to supply Applicant from a transmission line and install a Utility-owned substation on Applicant's Premises, Applicant shall furnish, install, own and maintain at its expense the necessary site improvements as specified by Utility for the proper installation of the transformer. Such improvements shall include but are not limited to a (D)

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- E. RESPONSIBILITIES FOR NEW SERVICE FACILITIES (Continued)
 - 1. APPLICANT RESPONSIBILITY. (Continued)

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- g. TRANSFORMER INSTALLATIONS ON APPLICANT'S PREMISES. (D) (Continued)
 - (3) SINGLE UTILITY-OWNED CUSTOMER SUBSTATION.
 (Continued)
 concrete pad or foundation, grounding system, fences and gates, access road, grading, and paving as required, etc.
 Detailed information on Utility's requirements for a single customer substation will be furnished by Utility.
 - (4) TRANSFORMER ROOM OR VAULT. Where Applicant request and Utility approves the installation of the transformer(s) in a vault or room on Applicant's Premises, rather than Utility'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 Utility'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 Utility upon its acceptance. The additional facilities shall be treated as special or added facilities under the provisions of Rule 2.
 - (c) If Utility'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. (D)

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as required by Utility.

and shall refrain from interfering with Utility's operation of the facilities and shall notify Utility of any obvious defect. Applicant may be required to provide and install suitable mechanical protection (barrier posts, etc.)

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SERVICE EXTENSIONS

- E. RESPONSIBILITIES FOR NEW SERVICE FACILITIES (Continued)
 - 2. UTILITY RESPONSIBILITY
 - a. SERVICE, METER, AND TRANSFORMER. Utility 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 Lateral conductors to supply permanent service from the Distribution Line source to the Service Delivery Point approved by Utility.
 - (2) RISER MATERIALS. Any necessary pole riser material for connecting underground services to an overhead Distribution Line.
 - (3) OVERHEAD SERVICE. An overhead Service Lateral conductor to supply permanent service from a Distribution Line source to a suitable support at the Service Delivery Point approved by Utility. Such support shall be of a type and located such that service wires may be stalled 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.** The necessary instrument transformers where required, test facilities, meters, associated metering equipment and the metering enclosures when Utility elects to locate metering equipment at a point that is not accessible to Applicant.

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SERVICE EXTENSIONS

- E. RESPONSIBILITIES FOR NEW SERVICE FACILITIES (Continued)
 - 2. UTILITY RESPONSIBILITY (Continued)
 - (5) TRANSFORMER. The transformer where required, including any necessary switches, capacitors, electrical protective equipment, etc. When either a pad-mounted or overhead transformer is installed on Applicant's Premises, the Service Lateral 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.
 - b. SPECIAL CONDUIT INSTALLATIONS. Utility shall own and maintain Service Lateral 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 Utility, or as may be required by local authorities.
 - c. CABLE-IN-CONDUIT. In those cases where Utility elects to install its Service Lateral conductors using pre-assembled cable-in-conduit (CIC), the conduit portion will be considered a part of the conductor installation provided by Utility.
 - **d. GOVERNMENT INSPECTION.** Utility 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) UTILITY-PERFORMED WORK. Where requested by Applicant and mutually agreed upon, Utility may perform that portion of the new service extension work normally the responsibility of Applicant according to Section D.1 above provided Applicant pays Utility its estimated installed cost.

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- E. RESPONSIBILITIES FOR NEW SERVICE FACILITIES (Continued)
 - (b) APPLICANT-PERFORMED WORK. Applicant may elect to use competitive bidding to install that portion of the new Service Facilities normally installed and owned by Utility in accordance with the same provisions outlined in Rule 15.
- F. ALLOWANCES AND PAYMENTS BY APPLICANT
 - 1. ALLOWANCES (T)
 - a. Non-Residential. The construction allowance for Non-Residential applications is calculated on the projected annual revenue and the revenue multiples in Section I, Lines 18 & 19. The projected annual revenue will include only the revenue from monthly billings for basic service, excluding balancing account adjustments, late charges, and tax adjustments. Should actual revenues fall substantially short of the projected revenue used for the free allowance granted, the customer may be required to pay to Liberty in cash any portion of the free allowance granted but not justified by actual revenues. Such payment will be increased by the tax liability factor noted in Section I, Line 17. The payment shall be made within 30 days of written notification of the revenue deficiency and request for payment by Liberty.
 - b. **Residential.** The allowance for Distribution Line Extensions, Service Extensions, or a combination thereof, for Permanent Residential Service is \$2,471 per meter or residential dwelling unit.
 - c. **Multi-Family.** Defined as "Multiple separate housing units for residential inhabitants contained within one building." The allowance for Distribution Line Extensions, Service Extensions, or a combination thereof, for Permanent Multi-Family Residential Service is \$824 per meter or residential dwelling unit.
 - 2. **SEASONAL, INTERMITTENT, AND INSIGNIFICANT LOADS.** When Applicant requests service for loads that are expected to have low or minimal energy usage, such as loads that are seasonal, intermittent, insignificant, or used only for emergency purposes, the allowances stated above shall not apply. Further, Applicant shall pay Utility its total estimated costs for their service, including the transformer, if any.
 - **PAYMENTS.** Applicant is responsible to pay Utility the following non-refundable costs as applicable under this rule and in advance of Utility commencing its work:

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		SER'	VICE EXTENSIONS		
	(a)	POLE RISER. Uti on its poles.	lity's estimated installe	ed costs of any riser materials (L	
(b) EXCESS SERVICE. Utility's total estimated installed cost (including appurtenant facilities, such as connectors and the conduit portion of CIC cable) for the excess project costs beyond 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 Utility's Preliminary Statement.				
	(d)	-		d cost for any work it performs rms for the convenience of (L	
G. EXISTI	NG SE	RVICE FACILITIES	6		
1.	SERV	ICE REINFORCEM	ENT		
	(a)	Facilities require re		nes that its existing Service ng Service Facilities shall be r Section D above.	
	(b)	owned service factorized such replacement provisions for a nethat any portion of by Utility, Applicant	ilities (installed under a or reinforcement shall w service installation, Applicant's existing se	ermines that existing Applicanta prior rule) require replacement, be accomplished under the except that if Utility determines ervice conductors can be utilized usable part to Utility and an wed to Applicant.	
			•	service lateral which Applicant ions of Section D above.	
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SERVICE EXTENSIONS

4. OVERHEAD TO UNDERGROUND SERVICE CONVERSIONS

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- (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 on the private property of Applicant all Excavation, furnish and install all Substructures, and pay Utility its total estimated installed cost to complete the new service and remove the overhead facilities.
- 5. **DAMAGED FACILITIES.** When Utility's facilities are damaged by Applicant, customer, third party, or any of their agents, the repair will be made by Utility at the expense of the party responsible for the damage. Applicants are responsible for repairing their own facilities.

G. EXISTING SERVICE FACILITIES (Continued)

SUBDIVISION OF PREMISES. When Utility'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 Utility with adequate rights-of-way satisfactory to Utility 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, Utility 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 Utility the total estimated cost of any required relocation or removal of Utility'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 Utility rules.

H. EXCEPTIONAL CASES

When the application of this rule appears impractical or unjust to either party, or ratepayers, Utility 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.

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SERVICE EXTENSIONS

DEFINITIONS FOR RULE 16

I.

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

Conduit: Ducts, pipes, or tubes of certain metals, plastics or other materials acceptable to Utility for the installation and protection of electric wires and cables.

Distribution Lines: Utility's overhead and underground line which is operated at distribution voltages as set forth in Utility's Rule 2 and which is designed to supply two or more services.

Excavation: All necessary trenching, backfilling, and other digging as required to install service facilities including furnishing of any imported backfill material, concrete encasement to protect conduit, and disposal of trench soil, as required by Utility, surface repair and replacement, landscape repair and replacement.

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

Insignificant Loads: Small operating loads, such as but not limited to gate openers, valve controls, clocks, timing devices, transmitter services, alarm devices, etc.

Intermittent Loads: Loads requiring significant capacity but have low energy usage such as but limited to welders, x-ray machines, fire protection equipment, etc.

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, sound barriers, posts, barricades and other structures as required by Utility.

Service Delivery Point: Where Utility's Service Lateral is connected to either Applicant's conductors or other service termination facility designated and approved by Utility.

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l.	DEFINITIONS FOR RU	LE 16 (Contir	nued)			(L)
	Service Lateral: The of extending from the point Point. When an undergoverhead pole, the begin be where the Service Lateral conductors.	t of connectio round Service nning point of	n at the Distribut Lateral is suppliconnection to U	ion Line to the ied from a U tility's Distrib	ne Service Delivery tility-designated oution Line shall	
	Substructures: The succentain or support Utility splice boxes, pull boxes for surface-mounted equations.	r's electric fac , equipment v	ilities. This inclu	ides but is no	ot limited to	(L)
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