

RULE NO. 24

ELECTRIC VEHICLE INFRASTRUCTURE

A. APPLICABILITY

This Rule is applicable to all Electrical Distribution Infrastructure on the utility side of the meter for all Customers or Applicants, excluding single-family residences, installing separately metered infrastructure to exclusively support Charging Stations with EV Supply Equipment.

Eligibility. To be eligible for this Rule, Applicant requesting service to a Charging Station shall take service on an authorized commercial time-variant rate when one becomes available. Until a time variable rate is authorized Applicant shall take service on any other applicable commercial rate.

Applicant must purchase and install EV Supply Equipment that meets the safety requirements of the Transportation Electrification Safety Requirements Checklist of D.18-09-034 for the size and type of EV Supply Equipment to be installed.

Applicant must activate the agreed upon quantity of Charging Stations within 30 business days after service point energization or on a timeline mutually agreed upon by Company and Applicant, not to exceed 180 days. Applicant must notify Company when the Charging Stations are operational.

Applicant must agree to maintain and operate the Charging Stations associated with this rule for a period of five years. Applicant must remedy any Charging Station maintenance issue within 90 days. Failure to comply with these terms may, at Company's discretion, result in discontinuation of service. In the event of discontinuation of service, Applicant shall reimburse Company's costs. If any Charging Stations are not in working condition for one year, Applicant shall reimburse Company all of Company's costs incurred under this Rule.

This Rule applies to service extensions, those overhead and underground primary or secondary facilities extending from the Distribution Line to the service delivery point. This Rule is not applicable to Distribution Line Extensions. A Distribution Line Extension required to provide service to Applicant under this Rule shall be installed pursuant to and in accordance with Rule 15, Line Extensions. This Rule does not establish a customer allowance for Distribution Line Extensions and does not determine whether Applicant is eligible for an allowance under Rule 15. If a Distribution Line Extension is required to provide service to Applicant, then a Rule 15 allowance shall be calculated for Applicant pursuant to the requirements set forth in Rule 15.

No Effect on Other TE Programs. Infrastructure provided pursuant to this Rule 24 does not alter or diminish the Commission's authority under Public Utilities Code section 740.12(b) (or any similar statute) to direct electrical corporations to file applications for transportation electrification programs and investments, or to approved or modify the terms and conditions of such programs and investments.

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B. GENERAL (cont)

- 7. Access to Applicant's Premises. Company shall have the right to enter and leave Applicant's Premises at reasonable times for Non-Emergency purposes connected with the furnishing of electric service (e.g. meter reading, inspection, testing, routine repairs, replacement, maintenance, vegetation management, etc.). In emergencies Company may enter Applicant's Premises at any time without notice to Applicant. Company may exercise any and all rights secured to it by law, or under Company's tariffs. These rights include, but are not limited to:
 - a. The use of a Company-approved locking device, if Applicant desires to prevent unauthorized access to his/her property containing Company's facilities;
 - b. Safe and ready access for Company personnel free from unrestrained animals; and
 - c. Unobstructed ready access for Company'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.
- 8. Applicant or Customer Equipment. No Applicant or Customer-owned metering equipment, switching devices, conduits, conductors, luminaires, etc. shall be mounted on Company poles or on other Company facilities.
- 9. Location and Route. The length and route of the Electrical Distribution Infrastructure will be determined by Company according to its planning, designing, and engineering standards along the shortest, most practical, and most cost-efficient available route as necessary to reach a Service Delivery Point designated by Company. When it is the most cost-efficient option, service will be provided from an existing Service Delivery Point and capacity upgrades shall be made to existing facilities.
- 10. Number of Services. Company will provide only one service, including associated facilities, either overhead or underground for a Charging Station enterprise on a single Premise, except where Company's operating convenience or necessity may require more than one adjacent service(s). Service extensions for non-EV services will be provided under Company's Rule 15.
- 11. Underground Installations.
 - a. Underground Required. Underground EV Extensions shall be installed:
 - (1) where required to comply with applicable laws, ordinances, or similar requirements of governmental authorities having jurisdiction, or
 - (2) as may be determined necessary by Company.
 - b. Underground Optional. An underground EV Extension may be installed in an area where it is not otherwise required and when requested by Applicant and agreed upon by Company using standard Company equipment and structures. Any increase in cost will be paid for by the Applicant.

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B. GENERAL (cont)

12. Overhead Installations. Overhead EV Extensions are permitted except under the circumstances specified in Section B.11.a above.

C. PAYMENTS

Applicant is responsible to pay Company the following non-refundable costs as applicable under this Rule and in advance of Company commencing its work:

- 1. Environmental Studies or Issue Mitigation. Environmental studies or Issue Mitigation as may be required of Company to install the Electrical Distribution Infrastructure.
- 2. Other. Company's total estimated installed cost for any work it performs that is Applicant's responsibility or performs for the convenience of Applicant.

D. METERING

- 1. General: The meter and associated metering equipment installed under this Rule shall solely serve the Charging Station EV load and Incidental Load directly needed to solely support the EV infrastructure and charging uses of the site itself.
 - a. Meter All Usage. Delivery of all electric power and energy will be metered.
 - b. Meter Location. All meters and associated metering equipment shall be located at a protected location on Applicant's Premises as approved by Company.
 - c. Meter Ownership. The Customer may use electric vehicle service equipment (EVSE) as a submeter to measure EV charge load, and ancillary EV charge service (i.e., demand response, vehicle-grid integration, etc.). All EVSE used for submetering purposes must meet the requirements established in the Plug-In Electric Vehicle Submetering Protocol. The Company shall own and maintain all other meters and associated metering equipment.
- 2. Number of Meters. Only one meter will be installed for a single non-residential Charging Station enterprise on a single Premises for service under this Rule.

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

E. RESPONSIBILITIES FOR NEW ELECTRIC DISTRIBUTION INFRASTRUCTURE

- 1. Company Responsibilities. Electric Distribution Infrastructure will be installed in accordance with Company's design, specifications and requirements of adequate capacity to support the contracted initial load and any contracted additional load within the five-year term of the contract. Company equipment will be furnished, installed, owned and maintained by Company. The Company is responsible for the following including costs:

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E. RESPONSIBILITIES FOR NEW ELECTRIC DISTRIBUTION INFRASTRUCTURE (cont)

b. (cont)

- (5) Loads that may cause service interference to others, and
- (6) Motor starting limitations.

c. Required Service Equipment. Applicant shall, at Applicant's 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 Company but are required by Company 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 Company'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 Company's service equipment requirements will be furnished by Company.

d. Coordination of Electrical Protective Devices. When, as determined by Company, 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 Company, it shall be Applicant's responsibility to provide such coordination.

e. Liability. Company 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.

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

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E. RESPONSIBILITIES FOR NEW ELECTRIC DISTRIBUTION INFRASTRUCTURE (cont)

g. 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 entities having jurisdiction.

h. Reasonable Care. Applicant shall exercise reasonable care to prevent Company's EV Service Extension, other Company facilities, and meters owned by Company or others on the Applicant's Premises from being damaged or destroyed, and shall refrain from interfering with Company's operation of the facilities and shall notify Company of any obvious defect.

i. Corrective Action. In cases where the Electrical Distribution Infrastructure facilities have become inaccessible or hazardous condition exist or any object becomes impaired under any applicable laws, ordinances, rules, or regulations of Company or public authorities, the Applicant or owner shall, at Applicant's or owner's expense, either correct the access or clearance infractions or pay Company its total estimated cost to relocate its facilities to a new location which is acceptable to Company. 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.

F. RESPONSIBILITIES FOR EXISTING ELECTRIC DISTRIBUTION

1. Overhead to Underground Service Conversion

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 15, Line 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 Company its total estimated installed cost to complete the new service and remove the overhead facilities.

2. Subdivision of Premises. When Company's Electric Distribution Infrastructure is 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 Company with adequate rights-of-way satisfactory to Company for its existing facilities and to notify property owners of the subdivided Premises of the existence of the rights-of-way.

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H. **DEFINITIONS** (cont)

Electrical Distribution Infrastructure: Pursuant to Public Utilities Code Section 740.19(b), the term Electrical Distribution Infrastructure shall include poles, vaults, service drops, transformers, mounting pads, trenching, conduit, wire, cable, meters, other equipment as necessary, and associated engineering and civil construction work.

Electric Vehicle (EV): An electric vehicle includes light-duty, medium-duty, and heavy-duty battery electric vehicles and plug-in hybrid electric vehicles, as well as off-road electric vehicles and off-road electric equipment.

Electric Vehicle Supply Equipment (EV Supply Equipment): The electrical equipment and necessary ancillary devices of a Charging Station exclusively used to provide charging to Electric Vehicles (EVs).

Emergency: Whenever, in Company'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, Company'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.

EV Extension: The Electrical Distribution Infrastructure for a service extension to an EV Charging Station

Excavation: All necessary trenching, backfilling, and other digging to install EV Extension facilities, including furnishing of any imported backfill material and disposal of soil as required, surface repair and replacement, landscape repair and replacement.

Incidental Load: The incidental load is limited to devices directly needed solely to support the EV infrastructure and charging uses of the site itself. The added load included on the EV meter must not include load from any non-EV charging infrastructure facilities, appliances or apparatus.

Issue Mitigation: The costs and work to mitigate or offset environmental or archaeological impacts arising out of the necessity to obtain a power line right-of-way or easement. Issue Mitigation also includes the work and costs of non-standard construction, or more expensive construction, in order to obtain or utilize a right-of-way or easement due to environmental or archaeological restrictions.

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H. **DEFINITIONS** (cont)

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, or barricades and other structures as required by Company to protect distribution equipment.

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

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

Trenching: See Excavation.

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