

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE



October 12, 2021

Advice Letter 6102-E, 6102-E-A

Erik Jacobson
Director, Regulatory Relations
Pacific Gas and Electric Company
77 Beale Street, Mail Code B10C
P.O. Box 770000
San Francisco, CA 94177

SUBJECT: Establish a New Tariff Rule (Electric Rule 29) Memorandum Account (AB 841 Memorandum Account) per Public Utilities Code Section 740.19(c), Enacted by Assembly Bill 841.

Dear Mr. Jacobson:

Advice Letters 6102-E, 6102-E-A are effective as of October 7, 2021, per resolution E-5167 ordering paragraphs.

Sincerely,

A handwritten signature in cursive script that reads "Edward Randolph".

Edward Randolph
Deputy Executive Director for Energy and Climate Policy/
Director, Energy Division



Erik Jacobson
Director
Regulatory Relations

Pacific Gas and Electric Company
77 Beale St., Mail Code B13U
P.O. Box 770000
San Francisco, CA 94177

Fax: 415-973-3582

February 26, 2021

Advice 6102-E

(Pacific Gas and Electric Company ID U 39 E)

Public Utilities Commission of the State of California

Subject: Establish a New Tariff Rule (Electric Rule 29) and Memorandum Account (AB 841 Memorandum Account) per Public Utilities Code Section 740.19(c), Enacted by Assembly Bill 841

Purpose

In compliance with the requirements of Public Utilities Code Section 740.19(c), enacted into law by Assembly Bill (AB) 841, Pacific Gas and Electric Company (PG&E) submits this Tier 2 advice letter to establish new Electric Rule 29 and the AB 841 Memorandum Account.

Background

On September 30, 2020, Assembly Bill (AB) 841 was enacted into law. AB 841 added Public Utilities Code (PUC) Section 740.19(c), which directs each electrical corporation to submit an advice letter to create a new tariff or rule that authorizes the respective Investor-Owned Utility (IOU) to design and deploy all electrical distribution infrastructure on the utility-side of the meter supporting separately metered Electric Vehicle (“EV”) charging sites other than those in single-family residences, and to recover the costs in its General Rate Cases (GRCs) similar to other electric distribution costs. As interim treatment, Section 740.19(c) also requires each IOU to track in a memorandum account certain costs incurred by the IOU prior to the implementation date of rates approved in the next GRC decision for that IOU, and to recover the costs, subject to a reasonableness review, in the decision adopting the next GRC revenue requirement for that IOU.

PUC Section 740.19(c) requires IOUs to submit their advice letters no later than February 28, 2021 and requires the California Public Utilities Commission (“Commission”) to approve the new rules or rules reflecting their advice letters no later than June 30, 2021.

Tariff Revisions

This advice letter establishes the following new tariffs:

- PG&E Electric Rule 29, *EV Infrastructure Rule*:

Establishes this new optional standalone electric rule to describe eligibility, installation, ownership and maintenance responsibilities, and cost allocation for certain electric vehicle distribution infrastructure as defined by Public Utilities Code Section 740.19(c).

- AB 841 Memorandum Account (AB841MA), *Electric Preliminary Statement Part IU*:

Establishes this account to track the incremental expenses and capital revenue requirements associated with the actual incremental capital costs associated with the design and deployment of electrical distribution infrastructure on the utility side of the customer's meter for customers installing separately metered infrastructure to support EV charging stations, other than those in single-family residences, from the effective date of Electric Rule 29 in 2021 to the effective date of PG&E's next GRC, as required by Public Utilities Code Section 740.19(c).

Discussion

Pursuant to AB 841, PG&E will be responsible for the design and installation of all electrical distribution infrastructure and associated structures that extend from PG&E's Distribution Line facilities to the Service Delivery Point on the utility-side of the customer meter for separately metered EV charging sites constructed under the EV Infrastructure Rule.

For purposes of the statute and the new tariff, Section 740.19(b) defines electrical distribution infrastructure as including "poles, vaults, service drops, transformers, mounting pads, trenching, conduit, wire, cable, meters, other equipment as necessary, and associated engineering and civil construction work."

Applicants may elect to use the Applicant Design Option and Applicant Installation Option provisions of Rule 15 to design and install that portion of the new EV Service Extension normally designed by PG&E. PG&E will own and operate all electrical distribution infrastructure installed under Rule 29. The EV charging customer will pay for all electrical distribution infrastructure and construction on the customer side of the meter, as well as EV Supply Equipment ("EVSE") and certain costs applicable to the entire site. See Table 1 for more detail.

Customers receiving service under Rule 29 must commit to operating the EVSE for a period of at least five years, consistent with avoiding undue burdens on customers and

barriers to EV deployment, while ensuring reasonable customer commitment to EV deployment and equipment use.

Table 1: EV Infrastructure Rule Summary of Costs and Responsibilities		
	Utility Assigned Costs	Customer Assigned Costs
Distribution Line Extensions	<ul style="list-style-type: none"> Governed by Rule 15: Distribution Line Extensions 	
EV Service Extension	<ul style="list-style-type: none"> Planning, designing, engineering Installation of all electrical distribution infrastructure and protective structures Materials Trenching and site excavation Permitting and land rights and easements administration Civil work 	<ul style="list-style-type: none"> Environmental studies and remediation Facility relocations and rearrangements, unless determined by PG&E to be necessary in order to provide new service Overhead to underground conversions, unless required or otherwise the most cost-effective design Land rights Excess Service
Equipment on Customer Side of Meter	<ul style="list-style-type: none"> None 	<ul style="list-style-type: none"> Customer pays all costs for charging equipment, including costs to plan, design, install, own, maintain, and operate facilities and equipment beyond the Service Delivery Point

The EV Infrastructure Rule is an optional new standalone service extension process open to eligible EV charging customers. As the EV Infrastructure Rule is optional, eligible customers can choose to take service under the existing Rule 16: Service Extensions, instead. The EV Infrastructure Rule does not affect the eligibility of customers to take service under PG&E rates, authorized utility pilots and programs, and other PG&E tariffs.

Customers pursuing projects which involve both an EV Service Extension as well as a non-EV service extension(s) may go through both Rule 29 and Rule 16 for their EV- and non-EV Service Extensions, respectively, subject to appropriate cost segregation and accounting.

To support implementation of Rule 29 cost recovery as well as reporting in GRCs separate from Rule 29, PG&E will seek to collaborate with interested parties and Commission staff on the format and scope of such cost reporting. PG&E recognizes the importance of timing the above effort so that the appropriate data can be collected and tracked for projects installed under the new rule to support GRC forecast costs resulting from the new rule.

Protests

*****Due to the COVID-19 pandemic and the shelter at home orders, PG&E is currently unable to receive protests or comments to this advice letter via U.S. mail or fax. Please submit protests or comments to this advice letter to EDTariffUnit@cpuc.ca.gov and PGETariffs@pge.com*****

Anyone wishing to protest this submittal may do so by letter sent via U.S. mail, facsimile or E-mail, no later than March 18, 2021, which is 20 days after the date of this submittal. Protests must be submitted to:

CPUC Energy Division
ED Tariff Unit
505 Van Ness Avenue, 4th Floor
San Francisco, California 94102

Facsimile: (415) 703-2200
E-mail: EDTariffUnit@cpuc.ca.gov

Copies of protests also should be mailed to the attention of the Director, Energy Division, Room 4004, at the address shown above.

The protest shall also be sent to PG&E either via E-mail or U.S. mail (and by facsimile, if possible) at the address shown below on the same date it is mailed or delivered to the Commission:

Erik Jacobson
Director, Regulatory Relations
c/o Megan Lawson
Pacific Gas and Electric Company
77 Beale Street, Mail Code B13U
P.O. Box 770000
San Francisco, California 94177

Facsimile: (415) 973-3582
E-mail: PGETariffs@pge.com

Any person (including individuals, groups, or organizations) may protest or respond to an advice letter (General Order 96-B, Section 7.4). The protest shall contain the following information: specification of the advice letter protested; grounds for the protest; supporting factual information or legal argument; name, telephone number, postal address, and (where appropriate) e-mail address of the protestant; and statement that the protest was sent to the utility no later than the day on which the protest was submitted to the reviewing Industry Division (General Order 96-B, Section 3.11).

Effective Date

Pursuant to General Order (GO) 96-B, Rule 5.2, this advice letter is submitted with a Tier 2 designation. PG&E requests that this Tier 2 advice submittal become effective on regular notice, March 28, 2021 which is 30 calendar days after the date of submittal.

Notice

In accordance with General Order 96-B, Section IV, a copy of this advice letter is being sent electronically and via U.S. mail to parties shown on the attached list and the parties on the service list for R.18-12-006. Address changes to the General Order 96-B service list should be directed to PG&E at email address PGETariffs@pge.com. For changes to any other service list, please contact the Commission's Process Office at (415) 703-2021 or at Process_Office@cpuc.ca.gov. Send all electronic approvals to PGETariffs@pge.com. Advice letter submittals can also be accessed electronically at: <http://www.pge.com/tariffs/>.

/S/

Erik Jacobson
Director, Regulatory Relations

Attachments

cc: Service lists for R.18-12-006



ADVICE LETTER SUMMARY

ENERGY UTILITY



MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)

Company name/CPUC Utility No.: Pacific Gas and Electric Company (ID U39 E)

Utility type:

- ELC GAS WATER
 PLC HEAT

Contact Person: Annie Ho

Phone #: (415) 973-8794

E-mail: PGETariffs@pge.com

E-mail Disposition Notice to: AMHP@pge.com

EXPLANATION OF UTILITY TYPE

ELC = Electric GAS = Gas WATER = Water
 PLC = Pipeline HEAT = Heat

(Date Submitted / Received Stamp by CPUC)

Advice Letter (AL) #: 6102-E

Tier Designation: 2

Subject of AL: Establish a New Tariff Rule (Electric Rule 29) and Memorandum Account (AB 841 Memorandum Account) per Public Utilities Code Section 740.19(c), Enacted by Assembly Bill 841

Keywords (choose from CPUC listing): Compliance

AL Type: Monthly Quarterly Annual One-Time Other:

If AL submitted in compliance with a Commission order, indicate relevant Decision/Resolution #:

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: No

Summarize differences between the AL and the prior withdrawn or rejected AL:

Confidential treatment requested? Yes No

If yes, specification of confidential information:

Confidential information will be made available to appropriate parties who execute a nondisclosure agreement. Name and contact information to request nondisclosure agreement/ access to confidential information:

Resolution required? Yes No

Requested effective date: 3/28/21

No. of tariff sheets: 26

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: See Attachment 1

Service affected and changes proposed¹: N/A

Pending advice letters that revise the same tariff sheets: N/A

¹Discuss in AL if more space is needed.

Protests and all other correspondence regarding this AL are due no later than 20 days after the date of this submittal, unless otherwise authorized by the Commission, and shall be sent to:

CPUC, Energy Division
Attention: Tariff Unit
505 Van Ness Avenue
San Francisco, CA 94102
Email: EDTariffUnit@cpuc.ca.gov

Name: Erik Jacobson, c/o Megan Lawson
Title: Director, Regulatory Relations
Utility Name: Pacific Gas and Electric Company
Address: 77 Beale Street, Mail Code B13U
City: San Francisco, CA 94177
State: California Zip: 94177
Telephone (xxx) xxx-xxxx: (415)973-2093
Facsimile (xxx) xxx-xxxx: (415)973-3582
Email: PGETariffs@pge.com

Name:
Title:
Utility Name:
Address:
City:
State: District of Columbia Zip:
Telephone (xxx) xxx-xxxx:
Facsimile (xxx) xxx-xxxx:
Email:

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
49187-E	ELECTRIC PRELIMINARY STATEMENT PART IU AB 841 MEMORANDUM ACCOUNT (AB841MA) Sheet 1	
49188-E	ELECTRIC RULE 29 EV INFRASTRUCTURE Sheet 1	
49189-E	ELECTRIC RULE 29 EV INFRASTRUCTURE Sheet 2	
49190-E	ELECTRIC RULE 29 EV INFRASTRUCTURE Sheet 3	
49191-E	ELECTRIC RULE 29 EV INFRASTRUCTURE Sheet 4	
49192-E	ELECTRIC RULE 29 EV INFRASTRUCTURE Sheet 5	
49193-E	ELECTRIC RULE 29 EV INFRASTRUCTURE Sheet 6	
49194-E	ELECTRIC RULE 29 EV INFRASTRUCTURE Sheet 7	
49195-E	ELECTRIC RULE 29 EV INFRASTRUCTURE Sheet 8	
49196-E	ELECTRIC RULE 29 EV INFRASTRUCTURE Sheet 9	
49197-E	ELECTRIC RULE 29 EV INFRASTRUCTURE Sheet 10	
49198-E	ELECTRIC RULE 29 EV INFRASTRUCTURE Sheet 11	
49199-E	ELECTRIC RULE 29 EV INFRASTRUCTURE Sheet 12	
49200-E	ELECTRIC RULE 29 EV INFRASTRUCTURE Sheet 13	

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
49201-E	ELECTRIC RULE 29 EV INFRASTRUCTURE Sheet 14	
49202-E	ELECTRIC RULE 29 EV INFRASTRUCTURE Sheet 15	
49203-E	ELECTRIC RULE 29 EV INFRASTRUCTURE Sheet 16	
49204-E	ELECTRIC RULE 29 EV INFRASTRUCTURE Sheet 17	
49205-E	ELECTRIC RULE 29 EV INFRASTRUCTURE Sheet 18	
49206-E	ELECTRIC RULE 29 EV INFRASTRUCTURE Sheet 19	
49207-E	ELECTRIC RULE 29 EV INFRASTRUCTURE Sheet 20	
49208-E	ELECTRIC RULE 29 EV INFRASTRUCTURE Sheet 21	
49209-E	ELECTRIC RULE 29 EV INFRASTRUCTURE Sheet 22	
49210-E	ELECTRIC TABLE OF CONTENTS Sheet 1	48749-E
49211-E	ELECTRIC TABLE OF CONTENTS Sheet 17	48744-E
49212-E	ELECTRIC TABLE OF CONTENTS Sheet 21	46209-E



ELECTRIC PRELIMINARY STATEMENT PART IU
AB 841 MEMORANDUM ACCOUNT (AB841MA)

Sheet 1

(N)
(N)

IU. AB 841 Memorandum Account (AB841MA)

(N)

1. **PURPOSE:** The purpose of the PG&E AB 841 Memorandum Account (AB841MA) is to record and track incremental costs associated with the design and deployment of electrical distribution infrastructure on the utility side of the customer's meter for customers installing separately metered infrastructure to support electric vehicle charging stations, other than those in single-family residences, from the effective date of Electric Rule 29 in 2021 to the effective date of PG&E's next General Rate Case decision as required by Public Utilities Code Section 740.19(c). Such incremental costs shall include capital and capitalized O&M and other capitalized expense costs to comply with PG&E Electric Rule 29 and Public Utilities Code Section 740.19(c). Such costs forecast for periods subsequent to PG&E's next General Rate Case filing shall be recovered in such periodic General Rate Cases as provided by Public Utilities Code Section 740.19(c).
2. **APPLICABILITY:** The AB841MA shall apply to all customers under all rate schedules and contracts for electric service subject to the jurisdiction of the Commission, except for those schedules or contracts specifically excluded by the Commission.
3. **REVISION DATE:** PG&E will seek recovery of its actual recorded costs from the effective date of the tariff in 2021 to the effective date of its next General Rate Case, scheduled to be January 1, 2023, in that General Rate Case. The authorized to-be-collected or refund amount in the filing, including an allowance for Revenue Fees and Uncollectibles (RF&U) account expense, will be transferred to the Distribution Revenue Adjustment Mechanism (DRAM) for true-up in rates.
4. **RATES:** The AB841MA does not have a rate component.
5. **ACCOUNTING PROCEDURE:** PG&E will maintain the AB841MA by making the following entries, net of RF&U, to the account at the end of the month, or as applicable:
 - a. A debit entry equal to the actual incremental expenses incurred, for PG&E Electric Rule 29 and compliance with Public Utilities Code Section 740.19(c);
 - b. A debit or credit entry equal to the capital revenue requirement associated with the actual incremental capital costs incurred for PG&E Electric Rule 29 and compliance with Public Utilities Code Section 740.19(c) as defined in section 3. Capital-related revenue requirements include depreciation expense, return on investment, federal and state income taxes, and property taxes associated with the costs of installed equipment;
 - c. A debit or credit entry to transfer the balance to the Distribution Revenue Adjustment Mechanism (DRAM) or to any other regulatory balancing account as authorized by the Commission in PG&E's next General Rate Case decision or other decision as required by Public Utilities Code Section 740.19(c); and
 - d. An entry equal to interest on the average balance in the account at the beginning of the month and the balance after the above entries, at a rate equal to one-twelfth of the interest rate on three-month Commercial Paper for the previous month, as reported in the Federal Reserve Statistical Release, H.15 or its successor.

(N)

(N)



ELECTRIC RULE 29
EV INFRASTRUCTURE

Sheet 1

(N)
(N)

A. **APPLICABILITY:** This rule is applicable to the design and deployment of Electrical Distribution Infrastructure (“EV Service Extensions”) that extends from PG&E’s Distribution Line facilities to the Service Delivery Point on the utility side of the Customer’s meter for all customers installing separately metered infrastructure to support Charging Stations, other than those in single-family residences. To be eligible for this rule, Applicant must purchase and install qualified Charging Stations in the quantity approved by PG&E in PG&E’s sole discretion. Applicant must agree to maintain and operate the Charging Stations associated with this rule for a period of five years.

(N)

1. **INCIDENTAL LOAD:** An exception to the requirement that eligible meters are to be dedicated exclusively to EV charging is that appliances and apparatus that solely serve the overall EV infrastructure of the site and no other use may be included as load on the BEV-dedicated meter. The eligible incidental load must not exceed 600 watts/277 volts and be 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.

B. GENERAL

1. DESIGN. PG&E will be responsible for planning, designing, and engineering its EV Service Extensions using PG&E’s standards for design, materials and construction. Applicants may elect to use the Applicant Design Option provisions in Rule 15 to design that portion of the new Service Extension normally designed by PG&E.

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

a. In compliance with Section 783 of the Public Utilities Code, PG&E 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.

b. PG&E 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:

(N)

(Continued)



ELECTRIC RULE 29
EV INFRASTRUCTURE

Sheet 2

(N)
(N)

B. GENERAL (Cont'd.).

(N)

2. Construction and Design Specifications, Standards, Terms, and Conditions of a New Extension of Service Project (Cont'd.).

b. (Cont'd.).

- 1) An order or decision of the California Public Utilities Commission (CPUC) or any other state or federal agency with jurisdiction.
- 2) A work order issued by PG&E to implement construction or design changes necessitated by a customer-driven scope of work modification.
- 3) A material-related design change identified by PG&E to remedy a construction material defect that could pose a risk to public safety.

c. 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 PG&E first invoices the customer for the extension of electric service. "Invoice" is to mean when PG&E 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 PG&E.

d. Maximum Length: The utility shall install the Utility-Side EV Service Extensions of up to:

- 1) 300 feet, as measured from the connection to the Distribution Line to the Service Delivery Point, or;
- 2) a mutually agreed upon location of indeterminate length. In cases where a longer EV Service Extension is required or is requested by the Applicant, the Applicant will be responsible for all costs of the service that are a result of the length of the service being in excess of 300 feet. This additional cost is further described in section D.1.j. of this Rule.

(N)

(Continued)



ELECTRIC RULE 29
EV INFRASTRUCTURE

Sheet 3

(N)

B. GENERAL (Cont'd.)

(N)

- 3. EV SERVICE EXTENSION FACILITIES. PG&E's EV Service Extension Facilities shall consist of (a) primary or secondary underground or overhead service conductors, (b) poles to support overhead service conductors, (c) service transformers, (d) vaults, pads, and conduits, (e) trenching, (f) PG&E-owned metering equipment, and (g) other PG&E-owned service related equipment.
- 4. OWNERSHIP OF FACILITIES. EV Service Extension Facilities installed under the provisions of this rule shall be owned, operated, and maintained by PG&E if they are (a) installed by PG&E under section D.2 for the purpose of the delivery of electric energy to Applicant or (b) installed by Applicant under the provisions of section D.3.a, and conveyed to PG&E.
- 5. PRIVATE LINES. PG&E shall not be required to connect EV Service Extension Facilities to or serve any Applicant from electric facilities that are not owned, operated, and maintained by PG&E.
- 6. SPECIAL OR ADDED FACILITIES. Any special or added facilities PG&E installs at the request of Applicant, will be installed at Applicant's expense in accordance with Rule 2—Description of Service. Any other facilities PG&E installs at the request of Applicant, will be installed at Applicant's expense in accordance with the applicable Rule for those facilities.
- 7. 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 Electric Rule 16 – Service Extensions, except that all charges and refunds shall be made under the provisions of Electric Rule 13—Temporary Service.
- 8. STREETLIGHTS. Streetlight services and appurtenant facilities shall be installed in accordance with the service provisions of the applicable street light schedule.
- 9. GENERATING FACILITY INTERCONNECTIONS. Generating Facility Interconnections shall be installed in accordance with the provisions of Electric Rule 21 – Generating Facility Interconnections.
- 10. CONTRACTS. Each Applicant requesting service may be required to execute a written contract(s) prior to PG&E performing its work to establish service. Such contract(s) shall be in the form on file with the California Public Utilities Commission (Commission).

(N)

(Continued)



ELECTRIC RULE 29
EV INFRASTRUCTURE

Sheet 4 (N)
(N)

- B. GENERAL (Cont'd.) (N)
- 11. DISTRIBUTION LINE EXTENSIONS. Whenever PG&E's distribution system is not complete to the point designated by PG&E where the Service Extension is to be connected to PG&E's distribution system, the extension of Distribution Line facilities will be installed in accordance with Rule 15— Distribution Line Extensions.
 - 12. RIGHTS-OF-WAY. Rights-of-way or easements maybe required by PG&E to install EV Service Extension Facilities on Applicant's property to serve only Applicant, the cost of which are the responsibility of the Applicant.
 - a. SERVICE FACILITIES. If the EV Service Extension Facilities must cross property owned by a third party to serve Applicant, PG&E may, at its option, install such Service Facilities after appropriate rights-of-way or easements, satisfactory to PG&E, are obtained.
 - b. DISTRIBUTION LINE EXTENSIONS. If PG&E's facilities installed on Applicant's property, or third-party property, will be or are designed to serve adjacent property, then PG&E may, at its option, install its facilities after appropriate rights-of-way or easements, satisfactory to PG&E, are obtained.
 - c. CLEARANCES. Any necessary rights-of-way or easements for PG&E's facilities shall have provisions to maintain legal clearances from adjacent structures.
 - 13. ENVIRONMENTAL STUDIES OR ISSUE MITIGATION: Environmental studies or issue mitigation may be required by PG&E to install the EV Service Extension, the cost of which are the responsibility of the Applicant. (N)

(Continued)



ELECTRIC RULE 29
EV INFRASTRUCTURE

Sheet 5

(N)
(N)

B. GENERAL (Cont'd.).

(N)

14. ACCESS TO APPLICANT'S PREMISES. PG&E 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, vegetation management, emergency work, etc.) and the exercise of any and all rights secured to it by law, or under PG&E's tariff schedules. These rights include, but are not limited to:

- a. The use of a PG&E-approved locking device, if Applicant desires to prevent unauthorized access to PG&E's facilities;
- b. Safe and ready access for PG&E personnel free from unrestrained animals;
- c. Unobstructed ready access for PG&E's vehicles and equipment to install, remove, repair, or maintain its facilities; and
- d. Removal of any and all of its property installed on Applicant's Premises after the termination of service.

15. SERVICE CONNECTIONS. Only personnel duly authorized by PG&E are allowed to connect or disconnect service conductors to or from PG&E's Distribution Lines, remove PG&E-owned service facilities and equipment, or perform any work upon PG&E-owned existing facilities.

(N)

(Continued)



ELECTRIC RULE 29
EV INFRASTRUCTURE

Sheet 6

(N)
(N)

C. METERING FACILITIES.

(N)

1. GENERAL

- a. METER ALL USAGE. Delivery of all electric power and energy to the Charging Station will be metered.
- b. METER LOCATION. All meters and associated metering equipment shall be located at some protected location on Applicant's Premises as approved by PG&E.
- c. METER OWNERSHIP. PG&E shall own and maintain all meters and associated metering equipment unless otherwise allowed by PG&E's tariffs.

2. NUMBER OF METERS. Normally only one meter will be installed for a single enterprise on a single Premises, except:

- a. When otherwise required or allowed under PG&E's tariff schedules;
- b. At the option of and as determined by PG&E, 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 PG&E.

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 PG&E. See Rule 18—Supply to Separate Premises and Submetering of Electric Energy for more information.

(N)

(Continued)



**ELECTRIC RULE 29
EV INFRASTRUCTURE**

Sheet 7

(N)
(N)

D. SERVICE EXTENSIONS

(N)

1. GENERAL LOCATION. The location of the EV Service Extension facilities 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 PG&E.
2. NUMBER OF EV SERVICE EXTENSIONS. PG&E will not normally provide more than one EV 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 PG&E's tariff schedules; or,
 - b. PG&E CONVENIENCE. At the option of and as determined by PG&E, 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.

(N)

(Continued)



ELECTRIC RULE 29
EV INFRASTRUCTURE

Sheet 8

(N)
(N)

D. SERVICE EXTENSIONS (Cont'd.)

(N)

3. UNDERGROUND INSTALLATIONS. Underground EV Service Extensions will be installed:

a. UNDERGROUND REQUIRED. Underground EV 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 PG&E where Applicant's load requires a separate transformer installation of 75 kVa or greater.

b. UNDERGROUND OPTIONAL. An underground EV Service Extension may be installed in an area where it is not otherwise required and when requested by Applicant and agreed upon by PG&E

c. PG&E will not accept requests under the Special Facilities provision of Rule 2, Section I, 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 not be accepted for situations indicated in D.3.c.i, D.3.c.ii, and with certain exceptions D.3.c.iii, below.

1) New construction on any property except public property and public rights-of-way;

2) 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;

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

(N)

(Continued)



ELECTRIC RULE 29
EV INFRASTRUCTURE

Sheet 9

(N)
(N)

D. SERVICE EXTENSIONS (Cont'd.)

(N)

3. UNDERGROUND INSTALLATIONS (Cont'd.)

c. (Cont'd.)

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 PG&E 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

Where PG&E 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 D.3.c.iii., above, where existing below-ground Equipment must be modified by PG&E, 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 PG&E on a case-by-case basis.

Design and installation of any above-ground Equipment shall comply with the typical installations depicted in PG&E’s Electric 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

(N)

(Continued)



**ELECTRIC RULE 29
EV INFRASTRUCTURE**

Sheet 10

(N)
(N)

D. SERVICE EXTENSIONS (Cont'd.).

(N)

3. UNDERGROUND INSTALLATIONS. (Cont'd.).

c. (Cont'd.).

When modifying existing Equipment installed in the above-ground public rights-of-way, PG&E 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 PG&E's Electric Design Manual and similar documents.

4. OVERHEAD INSTALLATIONS. Overhead EV Service Extensions are permitted except under the circumstances specified in section D.3.a above.

5. UNUSUAL SITE CONDITIONS. In cases where Applicant's building or facility to be served 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 PG&E's Distribution Line and Applicant's building or facility to be served that would prevent PG&E from prudently installing, owning, and maintaining its Service Facilities, PG&E 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.

(N)

(Continued)



**ELECTRIC RULE 29
EV INFRASTRUCTURE**

Sheet 11

(N)
(N)

E. RESPONSIBILITIES FOR NEW EV SERVICE EXTENSIONS

(N)

1. **APPLICANT RESPONSIBILITY.** In accordance with PG&E's design, specifications, and requirements for the installation of EV Service Extensions, subject to PG&E's inspection and approval, Applicant is responsible for the following, including any costs:

a. **SERVICE LATERAL FACILITIES**

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 EV Service Extensions.

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 PG&E-owned metering facilities) in order to properly receive and utilize the type of electric service available from PG&E. 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.

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 PG&E but are required by PG&E for Applicant to receive service.

(N)

(Continued)



**ELECTRIC RULE 29
EV INFRASTRUCTURE**

Sheet 12

(N)
(N)

E. RESPONSIBILITIES FOR NEW EV SERVICE EXTENSIONS (Cont'd.).

(N)

1. APPLICANT RESPONSIBILITY (Cont'd.).

c. REQUIRED SERVICE EQUIPMENT (Cont'd.).

Such facilities shall also include but are not limited to the overhead or underground termination equipment, conduits located under or within structures, service entrance conductors from the Service Delivery Point to the location of PG&E'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. This also includes all facilities required to provide Electric Vehicle charging services at the site, including but not limited to Electric Vehicle Supply Equipment. The capacity of the Customer-Side Electric Vehicle infrastructure, as defined in kilowatts, will be used in the design of the capacity of the Utility-Side EV Service Extension. Detailed information on PG&E's service equipment requirements will be furnished by PG&E.

d. COORDINATION OF ELECTRICAL PROTECTIVE DEVICES. When, as determined by PG&E, 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 PG&E, it shall be Applicant's responsibility to provide such coordination in accordance with Rule 2.

e. LIABILITY. PG&E 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.

(N)

(Continued)



ELECTRIC RULE 29
EV INFRASTRUCTURE

Sheet 13

(N)
(N)

E. RESPONSIBILITIES FOR NEW EV SERVICE EXTENSIONS (Cont'd.).

(N)

1. APPLICANT RESPONSIBILITY (Cont'd.).

f. FACILITY TAMPERING. Applicant shall provide a suitable means acceptable to PG&E 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 PG&E-owned meters and enclosure covers will be sealed only by PG&E's authorized employees and such seals shall be broken only by PG&E's authorized employees. However, in an emergency, PG&E may allow a public authority or other appropriate party to break the seal. Any unauthorized tampering with PG&E-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—Discontinuance and Restoration of Service for unauthorized use.

g. TRANSFORMER INSTALLATIONS ON APPLICANT'S PREMISES. Transformer installations on Applicant's Premises shall be as specified by PG&E 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 PG&E for a standard transformer installation including any necessary switches, capacitors, and electric protective equipment where required if (a) in an overhead area, PG&E determines that the load to be served is such that a separate transformer installation, or (b) if PG&E determines that the installation of a padmounted or subsurface transformer of any size is required on Applicant's Premises to serve only Applicant.

(N)

(Continued)



ELECTRIC RULE 29
EV INFRASTRUCTURE

Sheet 14 (N)
(N)

E. RESPONSIBILITIES FOR NEW EV SERVICE EXTENSIONS (Cont'd.) (N)

1. APPLICANT RESPONSIBILITY (Cont'd.)

g. TRANSFORMER INSTALLATIONS ON APPLICANT'S PREMISES (Cont'd.)

2) TRANSFORMER LIFTING REQUIREMENTS. PG&E will not install transformers at locations where PG&E cannot use its standard transformer lifting equipment.

3) 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 PG&E determines that it is not practical to install a transformer on a pad, in a room or vault, PG&E 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, shall conform with applicable laws, codes, and ordinances of all governmental authorities having jurisdiction.

(N)

(Continued)



ELECTRIC RULE 29
EV INFRASTRUCTURE

Sheet 15

(N)
(N)

E. RESPONSIBILITIES FOR NEW EV SERVICE EXTENSIONS (Cont'd.).

(N)

1. APPLICANT RESPONSIBILITY (Cont'd.).

- i. REASONABLE CARE. Applicant shall exercise reasonable care to prevent PG&E's EV Service Extensions, other PG&E facilities, and meters owned by PG&E or others, on the Applicant's Premises from being damaged or destroyed, and shall refrain from interfering with PG&E's operation of the facilities and shall notify PG&E of any obvious defect.
- j. EXCESS SERVICE: The costs of the EV Service Extension that are the result of the length of the service being in excess of 300 feet. This cost responsibility applies in situations where an Electrical Distribution Infrastructure Extension longer than 300 feet is required or is requested by the Applicant. This excess service cost may be waived for services described in section A.2.d.2. of this rule.

2. PG&E RESPONSIBILITY

- a. ELECTRICAL DISTRIBUTION INFRASTRUCTURE. After Applicant meets all requirements to receive service, PG&E will furnish, install, own, and maintain the following EV Service Extension Facilities, including but not limited to (a) primary or secondary underground or overhead service conductors, (b) poles to support overhead service conductors, (c) service transformers, (d) vaults, pads, and conduits, (e) trenching, (f) PG&E-owned metering equipment, and (g) other PG&E-owned service related equipment :
 - 1) EXCAVATION. All necessary trenching, backfilling, and other digging as required including permit fees.
 - 2) CONDUIT AND SUBSTRUCTURES. Furnishing, installing, owning, and maintaining all Conduits (including pull wires) and Substructures as necessary to install the EV Service Extension.

(N)

(Continued)



ELECTRIC RULE 29
EV INFRASTRUCTURE

Sheet 16

(N)
(N)

E. RESPONSIBILITIES FOR NEW EV SERVICE EXTENSIONS (Cont'd.).

(N)

2. PG&E RESPONSIBILITY (Cont'd.).

a. Electrical Distribution Infrastructure (Cont'd.).

- 3) PROTECTIVE STRUCTURES. Furnishing, installing, owning, and maintaining all necessary Protective Structures as specified by PG&E for PG&E's facilities on Applicant's Premises. Any decorative or custom protective structures shall be the responsibility of the Applicant to install, own, and maintain.
- 4) UNDERGROUND ELECTRICAL DISTRIBUTION INFRASTRUCTURE SERVICE EXTENSION. A set of service conductors to supply permanent service from the Distribution Line source to the EV Service Delivery Point approved by PG&E.
- 5) RISER MATERIALS. Any necessary pole riser material for connecting underground services to an overhead Distribution Line.
- 6) OVERHEAD ELECTRICAL DISTRIBUTION INFRASTRUCTURE SERVICE EXTENSION. 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 PG&E. Such support shall be of a type and located 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.
- 7) METERING. When the meter is owned by PG&E, PG&E will be responsible for the necessary instrument transformers where required, test facilities, meters, associated metering equipment, and the metering enclosures when PG&E elects to locate metering equipment at a point that is not accessible to Applicant.

(N)

(Continued)



ELECTRIC RULE 29
EV INFRASTRUCTURE

Sheet 17

(N)
(N)

E. RESPONSIBILITIES FOR NEW EV SERVICE EXTENSIONS (Cont'd.).

(N)

2. PG&E RESPONSIBILITY (Cont'd.).

a. Electrical Distribution Infrastructure (Cont'd.).

8) 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 EV 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.

9) PADMOUNTED EQUIPMENT. Furnishing, installing, owning, and maintaining Substructures and any required Protective Structures for the proper installation of the transformer, switches, capacitors, etc.

b. GOVERNMENT INSPECTION. PG&E 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. APPLICANT-PERFORMED WORK. Applicant may elect to use competitive bidding to install that portion of the new Service Extensions normally installed and owned by PG&E in accordance with the same provisions outlined in Electric Rule 15.

(N)

(Continued)



**ELECTRIC RULE 29
EV INFRASTRUCTURE**

Sheet 18

(N)
(N)

F. ALLOWANCES AND PAYMENTS BY APPLICANT

(N)

1. PAYMENTS. Applicant is responsible to pay PG&E the following non-refundable costs as applicable under this rule and in advance of PG&E commencing its work:
 - a. EXCESS SERVICE. The costs of the EV Service Extension that are the result of the length of the service being in excess of 300 feet. This cost responsibility applies in situations where an Electrical Distribution Infrastructure Service Extension longer than 300 feet is required or is requested by the Applicant.
 - b. 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 PG&E's Preliminary Statement.
 - c. OTHER. PG&E's total estimated installed cost for any work it performs that is Applicant's responsibility or performs for the convenience of Applicant.
2. REFUNDS. No refunds apply to the installation of EV Service Extension Facilities under this Rule.

G. EXISTING EV SERVICE FACILITIES

1. EV SERVICE REINFORCEMENT
 - a. PG&E-OWNED. When PG&E determines that its existing Service Facilities require replacement, the existing Service Facilities shall be replaced as a new EV Service Extension under the provisions of this rule.
 - b. APPLICANT-OWNED. When PG&E determines that existing Applicant owned service facilities (installed under a prior rule) require replacement, such replacement or reinforcement shall be accomplished under the provisions for a new EV Service Extension installation, except that if PG&E determines that any portion of Applicant's existing service extension facilities can be utilized by PG&E, Applicant will convey any such usable part to PG&E and an appropriate credit by PG&E 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.

(N)

(Continued)



**ELECTRIC RULE 29
EV INFRASTRUCTURE**

Sheet 19

(N)
(N)

G. EXISTING SERVICE FACILITIES (Cont'd.)

(N)

2. SERVICE RELOCATION OR REARRANGEMENT

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

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

2. IMPAIRED ACCESS AND CLEARANCES. Whenever PG&E determines that:

- a. ACCESS. Its existing EV Service Extension 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 EV Service Extension Facilities and any object becomes impaired under any applicable laws, ordinances, rules, or regulations of PG&E 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 PG&E its total estimated cost to relocate its facilities to a new location which is acceptable to PG&E. 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.

(N)

(Continued)



**ELECTRIC RULE 29
EV INFRASTRUCTURE**

Sheet 20

(N)
(N)

G. EXISTING SERVICE FACILITIES (Cont'd.)

(N)

4. OVERHEAD TO UNDERGROUND SERVICE CONVERSIONS

- a. RULE 20. The replacement of existing overhead Distribution Lines with underground Distribution Lines will be made in accordance with PG&E's Rule 20.
- 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 PG&E its total estimated installed cost to complete the new service and remove the overhead facilities.

5. DAMAGED FACILITIES. When PG&E's facilities are damaged by others, the repair will be made by PG&E at the expense of the party responsible for the damage. Applicants are responsible for repairing their own facilities.

6. SUBDIVISION OF PREMISES. When PG&E's EV 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 PG&E with adequate rights-of-way satisfactory to PG&E 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, PG&E 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 PG&E the total estimated cost of any required relocation or removal of PG&E's facilities. A new EV service will be re-established in accordance with the provisions of Section E above for new service and the provisions of any other applicable PG&E rules.

H. EXCEPTIONAL CASES

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

(N)

(Continued)



ELECTRIC RULE 29
EV INFRASTRUCTURE

Sheet 21

(N)
(N)

I. DEFINITIONS FOR RULE 29

(N)

APPLICANT: A person or agency requesting PG&E to supply electric service.

CHARGING STATION: The equipment that interconnects the electricity grid at a Premises to the Electric Vehicle, whether using alternating current (AC) or direct current (DC), but not including the Electric Distribution Infrastructure. Charging Station is sometimes referred to as Electric Vehicle Supply Equipment (EVSE).

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

CUSTOMER: See Applicant.

DISTRIBUTION LINE EXTENSION: New distribution facilities of PG&E that are a continuation of, or branch from, the nearest available existing permanent Distribution Line (including any facility rearrangements and relocations necessary to accommodate the Distribution Line Extension) to the point of connection of the last service. PG&E's Distribution Line Extension includes transmission underbuilds and converting an existing single-phase line to three-phase in order to furnish three-phase service to an Applicant, but excludes service transformers, meters and services.

DISTRIBUTION LINES: PG&E's overhead and underground facilities which are operated at distribution voltages as set forth in PG&E's Rule 2 and which are designed to supply two or more services.

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: 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.

(N)

(Continued)



ELECTRIC RULE 29
EV INFRASTRUCTURE

Sheet 22

(N)
(N)

I. DEFINITIONS FOR RULE 29 (Cont'd.).

(N)

EXCAVATION: All necessary trenching, backfilling, and other digging as required to install EV 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.

FRANCHISE AREA: Public streets, roads, highways, and other public ways and places where PG&E has a legal right to occupy under franchise agreements with governmental bodies having jurisdiction.

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 PG&E.

SERVICE DELIVERY POINT: Where PG&E's Service Facilities are connected to either Applicant's conductors or other service termination facility designated and approved by PG&E.

EV SERVICE EXTENSIONS: The overhead and underground primary or secondary 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 PG&E-designated overhead pole, the beginning point of connection to PG&E's Distribution Line shall be where the EV Service Extension is connected to PG&E's overhead Distribution Line conductors.

SUBSTRUCTURES: The surface and subsurface structures which are necessary to contain or support PG&E'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.

(N)



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Advice Decision 6102-E

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted Effective Resolution

February 26, 2021



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Advice 6102-E
Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted	February 26, 2021
Effective	_____
Resolution	_____

**PG&E Gas and Electric
Advice Submittal List
General Order 96-B, Section IV**

AT&T
Albion Power Company

Alta Power Group, LLC
Anderson & Poole

Atlas ReFuel
BART

Barkovich & Yap, Inc.
California Cotton Ginners & Growers Assn
California Energy Commission

California Hub for Energy Efficiency
Financing

California Alternative Energy and
Advanced Transportation Financing
Authority
California Public Utilities Commission
Calpine

Cameron-Daniel, P.C.
Casner, Steve
Cenergy Power
Center for Biological Diversity

Chevron Pipeline and Power
City of Palo Alto

City of San Jose
Clean Power Research
Coast Economic Consulting
Commercial Energy
Crossborder Energy
Crown Road Energy, LLC
Davis Wright Tremaine LLP
Day Carter Murphy

Dept of General Services
Don Pickett & Associates, Inc.
Douglass & Liddell

East Bay Community Energy Ellison
Schneider & Harris LLP Energy
Management Service
Engineers and Scientists of California

GenOn Energy, Inc.
Goodin, MacBride, Squeri, Schlotz &
Ritchie

Green Power Institute
Hanna & Morton
ICF

IGS Energy
International Power Technology
Intestate Gas Services, Inc.
Kelly Group
Ken Bohn Consulting
Keyes & Fox LLP
Leviton Manufacturing Co., Inc.

Los Angeles County Integrated
Waste Management Task Force
MRW & Associates
Manatt Phelps Phillips
Marin Energy Authority
McKenzie & Associates

Modesto Irrigation District
NLine Energy, Inc.
NRG Solar

Office of Ratepayer Advocates
OnGrid Solar
Pacific Gas and Electric Company
Peninsula Clean Energy

Pioneer Community Energy

Redwood Coast Energy Authority
Regulatory & Cogeneration Service, Inc.
SCD Energy Solutions
San Diego Gas & Electric Company

SPURR
San Francisco Water Power and Sewer
Sempra Utilities

Sierra Telephone Company, Inc.
Southern California Edison Company
Southern California Gas Company
Spark Energy
Sun Light & Power
Sunshine Design
Tecogen, Inc.
TerraVerde Renewable Partners
Tiger Natural Gas, Inc.

TransCanada
Utility Cost Management
Utility Power Solutions
Water and Energy Consulting Wellhead
Electric Company
Western Manufactured Housing
Communities Association (WMA)
Yep Energy