

PUBLIC UTILITIES COMMISSION
505 VAN NESS AVENUE



August 5, 2022

Advice Letters 6344-E, 6344-E-A, and 6344-E-B

Sidney Bob Dietz II
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

SUBJECT:

Energy Division Rejection of Advice Letters 6344-E, 6344-E-A, and 6344-E-B: Proposed Amendments to PG&E LS-1 and TC-1 Rate Schedules and implementation of proposed changes pursuant to Section 9.2.3 of General Order 96-B.

Dear Mr. Dietz,

The Commission is in receipt of Tier 3 Advice Letters (AL) 6344-E, 6344-E-A, and 6344-E-B, which pertain to proposed retail tariff changes needed to accommodate transfer of certain unmetered street load assets owned by the City and County of San Francisco (CCSF) from wholesale to retail service. As explained in detail below, pursuant to Section 7.6.1 of CPUC General Order (GO) 96-B, this Disposition Letter informs PG&E of Energy Division's rejection of AL 6344-E and the two supplemental ALs. Energy Division rejects these ALs due to the fact that the requested changes are dependent solely on the eventual outcome of litigation at the Federal Energy Regulatory Commission (FERC), and therefore, because there is no current basis for the proposed tariff changes, the filing of this Advice Letter is clearly erroneous. We also note that a recent agreement between PG&E and CCSF obviates the need for any of the proposed tariff changes.

BACKGROUND

PG&E filed AL 6344-E on September 30, 2021, its first supplemental AL 6344-E-A on April 18, 2022, and its second supplemental AL 6344-E-B on May 9, 2022. Advice Letter 6344-E-B stated that "[t]his second supplemental advice letter replaces the original Advice Letter 6344-E and Supplemental Advice Letter 6344-E-A in their entirety¹." Therefore, this Disposition Letter primarily addresses AL 6344-E-B, in which PG&E explained:

This Advice Letter seeks approval of two new tariff rate classes for unique, decorative streetlights in San Francisco and also seeks to expand existing tariff service to include any of the City and County of San Francisco's (CCSF or San Francisco) unmetered

¹ Advice Letter 6344-E-B Second Supplemental: Proposed Amendments to PG&E LS-1 and TC-1 Rate Schedules and implementation of proposed changes pursuant to Section 9.2.3 of General Order 96-B (AL 6344-E-B) at 1 (May 9, 2022).

delivery points that transition to CPUC service without the need for metering in most circumstances.²

With this advice letter PG&E is notifying the Commission that it *intends* to begin offering service to the City and County of San Francisco under the terms and conditions described in the tariff changes included here for decorative streetlights and, as appropriate, for CCSF’s Legacy unmetered delivery points³. (emphasis added)

Since before the filing of the AL 6344-E on September 30, 2021, the change of service for these street load assets from wholesale to retail service was a contested issue between PG&E and CCSF at FERC. Despite the status of the issue at FERC, PG&E’s AL 6344-E requested retail tariff changes in time to accommodate changes in service on February 1, 2022, and AL 6344-E-A adjusted that effective date to July 12, 2022. AL 6344-E-B, however, while still requesting the changes to retail tariffs, indicated no intended effective date for the change in service for CCSF’s street load assets. Energy Division first suspended AL 6344-E on November 2, 2021, and continued that suspension on February 22, 2022. The second suspension would expire on Monday, August 29, 2022. The more complete chronology of filings, protests, replies, and suspensions is captured in the following table.

Advice Letter 6344-E Chronology

FILING/ISSUANCE	DATE
1. Advice Letter 6344-E: Proposed Amendments to PG&E LS-1 and TC-1 Rate Schedules and implementation of proposed changes pursuant to Section 9.2.3 of General Order 96-B.	September 30, 2021
2. Protest of the City and County of San Francisco to Pacific Gas and Electric Company Advice Letter 6344-E Proposed Amendments to PG&E LS-1 and TC-1 Rate Schedules and Implementation of Proposed Changes Pursuant to Section 9.2.3 of General Order 96-B	October 20, 2021
3. Pacific Gas and Electric Company’s Reply to the Protest from the City and County of San Francisco to Advice Letter 6344-E – Advice Letter Proposing Amendments to PG&E LS-1 and TC-1 Rate Schedules and implementation of proposed changes pursuant to Section 9.2.3 of General Order 96-B.	October 27, 2021
4. Advice Letter 6344-E Initial Suspension Notice	November 2, 2021
5. Supplement to Protest of the City and County of San Francisco to Pacific Gas and Electric Company Advice Letter 6344-E Proposed Amendments to PG&E LS-1 and TC-1 Rate Schedules and Implementation of Proposed Changes Pursuant to Section 9.2.3 of General Order 96-B	February 10, 2022
6. Pacific Gas and Electric Company’s Reply to the Supplemental Protest from the City and County of San Francisco to Pacific Gas and Electric Company Advice 6344-E – Proposed Amendments to PG&E LS-1 and TC-1 Rate Schedules and Implementation of Proposed Changes Pursuant to Section 9.2.3 of General Order 96-B.	February 18, 2022
7. Advice Letter 6344-E Further Suspension Notice	February 22, 2022

² Advice Letter 6344-E-B at 1.

³ Advice Letter 6344-E-B at 3.

8. Advice Letter 6344-E-A: Supplemental: Proposed Amendments to PG&E LS-1 and TC-1 Rate Schedules and implementation of proposed changes pursuant to Section 9.2.3 of General Order 96-B.	April 18, 2022
9. City and County of San Francisco Request to Allow Protests to Pacific Gas and Electric Company Advice Letter 6344-E-A	April 20, 2022
10. Denial of Request Not to Reopen Protest Period for Advice Letter 6344-E-A – Supplemental: Proposed Amendments to PG&E LS-1 and TC-1 Rate Schedules and implementation of proposed changes pursuant to Section 9.2.3 of General Order 96-B.	April 22, 2022
11. Verizon Wireless and AT&T Mobility Protest of Advice Letter 6344-E-A of Pacific Gas and Electric Company (U-39-E)	May 9, 2022
12. CTIA Protest of Pacific Gas and Electric Company (U-39-E) Advice Letter No. 6344-E-A	May 9, 2022
13. Advice Letter 6344-E-B: Second Supplemental: Proposed Amendments to PG&E LS-1 and TC-1 Rate Schedules and implementation of proposed changes pursuant to Section 9.2.3 of General Order 96-B.	May 9, 2022
14. Withdrawal of Protest of the City and County of San Francisco to Pacific Gas and Electric Company Advice Letter 6344-E	May 11, 2022
15. Denial of Request Not to Reopen Protest Period for Advice Letter 6344-E-B – Second Supplemental: Proposed Amendments to PG&E LS-1 and TC-1 Rate Schedules and implementation of proposed changes pursuant to Section 9.2.3 of General Order 96-B.	May 12, 2022
16. Pacific Gas and Electric Company’s Reply to the Protests from Verizon Wireless, AT&T Mobility and the CTIA to Advice 6344-E-A – (Supplemental: Proposed Amendments to PG&E LS-1 and TC-1 Rate Schedules and implementation of proposed changes pursuant to Section 9.2.3 of General Order 96-B)	May 16, 2022
17. Verizon Wireless and AT&T Mobility Protest of Advice Letter 6344-E-B of Pacific Gas and Electric Company (U-39-E)	May 31, 2022
18. CTIA Protest of Pacific Gas and Electric Company (U-39-E) Advice Letter No. 6344-E-B	May 31, 2022
19. Pacific Gas and Electric Company’s Reply to the Protests from Verizon Wireless, AT&T Mobility and the CTIA to Advice 6344-E-B – (Supplemental: Proposed Amendments to PG&E LS-1 and TC-1 Rate Schedules and implementation of proposed changes pursuant to Section 9.2.3 of General Order 96-B)	June 7, 2022

While the context of the contested matter at FERC was not clear in AL 6344-E-B, a number of other filings in response to AL 6344-E-A and AL 6344-E-B suggested that an agreement had been reached between CCSF and PG&E to postpone any attempt by PG&E to shift the relevant street load assets from wholesale to retail service until FERC issued an order on this contested matter at some point in the future. As a result, there is neither an identifiable need for PG&E to request changes to its CPUC retail tariffs, nor clarity on what changes could be needed, until litigation at FERC settles the matter.

FILINGS EXPLAINING THE CONTEXT AND SPECULATIVE NATURE OF AL 6344-E-B

PG&E filed AL 6344-E-B on May 9, 2022, the same day that protests of AL 6344-E-A (*i.e.*, PG&E’s first supplemental AL) were filed⁴. In its response to the AL 6344-E-A Protests on May 16, 2022, PG&E provided further context for the AL 6344-E-B filing. “[T]he relief sought by PG&E’s Advice Letter is narrowly limited to an expansion of existing PG&E Commission-approved tariffs to authorize PG&E to serve CCSF’s existing unmetered delivery points *if they ultimately transition to CPUC service at some point the future.*”⁵ (emphasis added)

Further, having protested the original AL 6344-E on October 20, 2021, CCSF formally withdrew its protests of ALs 6344-E and 6344-E-A on May 11, 2022⁶, which was two days after PG&E’s filing of AL 6344-E-B. In its withdrawal, CCSF explained:

...Advice Letter 3644-E-B [sic] does not state that PG&E intends to transition service to San Francisco’s unmetered loads from whole[sale] distribution service under the jurisdiction of the Federal Energy Regulatory Commission (“FERC”) to retail service under the CPUC’s jurisdiction, in February 2022, as Advice Letter 3644-E had stated, or in July 2022, as Advice Letter 3644-E-A had stated.⁷

While neither AL 6344-E-B nor the CCSF Withdrawal were clear on exactly when the relevant street load facilities would possibly be switched from wholesale to retail service, PG&E’s Reply to Protests of AL 6344-E-B provided further clarity on the status of the issue at FERC, the timing of the change from wholesale to retail service, and PG&E’s purported need for changes to its retail tariff:

...PG&E filed Supplemental AL 6344-E-B, which is intended to supersede its prior two versions of its advice letter and respond to concerns expressed in protests. Also relevant is a recent agreement between PG&E and CCSF to *postpone the potential transition of any existing CCSF unmetered delivery points currently served under PG&E’s Federal Energy Regulatory Commission (FERC)-jurisdictional Wholesale Distribution Tariff (WDT) until FERC issues an order resolving the dispute between the parties.*⁸ (emphasis added)

⁴ The two protests of AL 6344-E-A were Verizon Wireless and AT&T Mobility Protest of Advice Letter 6344-E-A of Pacific Gas and Electric Company (U-39-E) (May 9, 2022) and CTIA Protest of Pacific Gas and Electric Company (U-39-E) Advice Letter No. 6344-E-A (May 9, 2022). These Protests were filed by telecommunications interests concerned that the shifting of CCSF’s street load from wholesale to retail service would impact telecommunications devices that are mounted on, and receive power from, the street load assets at issue under licensing agreements with CCSF. The merits of these protests, and the same parties’ subsequent protests of AL 6344-E-B, are not addressed in this Disposition Letter, as the basis of the CPUC’s rejection of AL 6344-E-B moots the arguments made in said protests.

⁵ Pacific Gas and Electric Company’s Reply to the Protests from Verizon Wireless, AT&T Mobility and the CTIA to Advice 6344-E-A – (Supplemental: Proposed Amendments to PG&E LS-1 and TC-1 Rate Schedules and implementation of proposed changes pursuant to Section 9.2.3 of General Order 96-B) (“Reply to AL 6344-E-A Protests”) at 3. (May 16, 2022)

⁶ Withdrawal of Protest of the City and County of San Francisco to Pacific Gas and Electric Company Advice Letter 6344-E (May 11, 2022) (CCSF Withdrawal)

⁷ CCSF Withdrawal at 1. Throughout most of its Withdrawal filing, CCSF incorrectly referred to “AL 3644-E.” However, it is understood that the filing is in the context of AL 6344-E and the related supplemental ALs.

⁸ Reply to AL 6344-E-A Protests at 1-2.

Finally, as explained in a footnote in the Reply to Protests of AL 6344-E-B, “The hearing of that dispute at FERC, in Docket No. ER20-2878 et. al was recently set for March 2023, and, in the opinion of PG&E, it is unlikely that FERC will issue an order until sometime [in] 2024⁹.”

ADVICE LETTER DISPOSITION

PG&E has made it clear that the retail tariff changes it is requesting in AL 6344-E-B are based on PG&E’s desired outcome of litigation at FERC, which is not expected to be concluded for at least two years. It is not reasonable for PG&E to request the CPUC to make such tariff changes when such changes are not relevant to existing circumstances.

For any advice letter, according to General Order (GO) 96-B, “...the Industry Division will (1) reject any advice letter where the advice letter or workpapers are clearly erroneous.... and (2) reject without prejudice an advice letter whose disposition would require an evidentiary hearing or otherwise require review in a formal proceeding¹⁰.” This matter was carved out for litigation and is currently being litigated at FERC in consolidated FERC Docket Nos. ER22-619, ER22-620, and ER20-2878. Pursuant to GO 96-B, AL 6344-E-B is rejected, as the AL is based on no actual current need and is therefore “clearly erroneous.” While the outcome of a formal proceeding at FERC is needed to determine if and when any future retail tariff changes may be needed related to this matter, the language in GO 96-B appears to contemplate CPUC proceedings. In this situation, the rationale behind the General Order requiring rejection of an AL whose disposition would require a CPUC evidentiary hearing or formal proceeding counsels in favor of rejecting the AL without prejudice, so that PG&E can refile the AL if, and when, the outcome at FERC is more certain.

Sincerely,



Leuwam Tesfai
Deputy Executive Director for Energy and Climate Policy, CPUC

cc:

Robert Osborn, CPUC Communications Division Director

William K. Sanders, San Francisco Deputy City Attorney

Email: william.sanders@sfcityatty.org

Kristin L. Jacobson, Outside Counsel for CTIA

Email: kristin.jacobson@us.dlapiper.com

Brian Cragg, Counsel for Verizon Wireless

Email: bcragg@downeybrand.com

Nelsonya Causby, Assistant Vice President – Senior Legal Counsel for AT&T Mobility

Email: lc6239@att.com

⁹ Pacific Gas and Electric Company’s Reply to the Protests from Verizon Wireless, AT&T Mobility and the CTIA to Advice 6344-E-B – (Supplemental: Proposed Amendments to PG&E LS-1 and TC-1 Rate Schedules and implementation of proposed changes pursuant to Section 9.2.3 of General Order 96-B) footnote 1 at 2. (June 7, 2022)

¹⁰ CPUC General Order 96-B, Section 7.6.1.



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Director
Regulatory Relations

Pacific Gas and Electric Company
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San Francisco, CA 94177

Fax: 415-973-3582

September 30, 2021

Advice 6344-E

(Pacific Gas and Electric Company ID U 39 E)

Public Utilities Commission of the State of California

Subject: Proposed Amendments to PG&E LS-1 and TC-1 Rate Schedules and implementation of proposed changes pursuant to Section 9.2.3 of General Order 96-B.

Purpose

PG&E intends to amend its applicable rate schedules to account for changes brought on by its most recent revisions to its Federal Energy Regulatory Commission (FERC) Wholesale Distribution Tariff (WDT3) that may require conversion of San Francisco's unmetered loads to service under California Public Utilities Commission (Commission or CPUC) tariffs beginning February 1, 2022. As appropriate, City and County of San Francisco (CCSF) streetlights currently served under PG&E's FERC tariffs will be converted to existing PG&E streetlight rate schedules and PG&E will meter other unmetered loads where possible (e.g., where meter pedestals exist or can be installed). CCSF may choose to serve these loads with its Community Choice Aggregation (CCA) provider CleanPowerSF. PG&E will offer to transition existing FERC tariff service for San Francisco's existing unmetered, non-streetlight loads such as traffic controls, kiosks, etc. that cannot be metered to CPUC tariffs starting February 1, 2022, with the intent of converting all of that load to metered service as soon as practicable. No new unmetered non-streetlight load interconnections will be permitted on a going forward basis.

Background

On September 15, 2020, PG&E filed at FERC proposed revisions to certain non-rate terms and conditions and revisions to rate terms in its third WDT rate case proceeding in Docket No. ER20-2878-000, *et al.* Revisions to the WDT service agreements (SA) with the City and County of San Francisco (CCSF) appear in sub-docket ER20-2878-001. On November 13, 2020, FERC issued an order accepting the revisions to the WDT3 and the WDT3 SAs making them effective on April 15, 2021, subject to refund, and established hearing and settlement judge procedures. (***Pac. Gas & Elec. Co., 173 FERC ¶ 61,140 (2020)***)

Relevant here, under the terms of CCSF's WDT SA No. 275, PG&E has been offering a historical accommodation to CCSF by providing secondary voltage service—without requiring metering—to certain CCSF loads meeting specific eligibility criteria. Unmetered loads are no longer eligible for service under the terms of WDT3, effective January 31, 2022. These loads must upgrade to primary service and be metered to remain eligible for service under the WDT3 or must transition to secondary service points served under a CPUC jurisdictional tariff ("Transition"). PG&E expects that nearly all of CCSF's unmetered loads will transition from FERC to CPUC tariffs by February 1, 2022.

PG&E proposes the following approach with respect to the Transition of CCSF's unmetered loads that will be served under CPUC tariffs:

1) Unmetered Streetlight Loads

Effective February 1, 2022, PG&E will convert all of San Francisco's unmetered streetlights to service under the LS-1 or LS-2 rate schedules, as appropriate. In accordance with the existing tariffs, no metering will be required for this service.

2) Unmetered CCSF Non-Streetlight Loads

All loads described below will be transitioned to CPUC tariffs effective February 1, 2022, unless they have been modified to meet the eligibility requirements of the WDT3.

- a. PG&E and CCSF will confer on the approximately 1,400 locations of existing CCSF unmetered non-streetlight loads to determine whether a meter pedestal exists or where there is physical space to install a meter pedestal. On a best-efforts basis, and with cooperation from CCSF, PG&E plans to identify the circumstances surrounding each of these locations by mid-2022. See Attachment 3, "CCSF Intersection Inventory" for a list of unmetered loads as provided by CCSF.

b. Unmetered CCSF Loads with an Existing Meter Pedestal

For unmetered loads where a meter pedestal already exists, PG&E will offer to install a meter pursuant to the applicable rule or rate schedule, such as Electric Rule 16 or rate schedule TC-1, and convert the service to metered service. Cost and installation responsibilities shall be in accordance with the applicable rule or rate schedule.

c. Unmetered CCSF Loads with Physical Space to Accommodate a Meter Pedestal

For unmetered load locations where there is available space to install a meter pedestal pursuant to the applicable PG&E rule or rate schedule, PG&E expects CCSF to install meter pedestals at each of these locations by no

later than 12 months from when 2a is completed. Once the meter pedestal has been installed, PG&E will install meters pursuant to the applicable PG&E rule or rate schedule and convert the service to metered service.

d. Unmetered CCSF Loads without Physical Space to Accommodate a Meter Pedestal

For locations with unmetered load where it is impractical to install a meter pedestal, PG&E will offer to serve the unmetered load under the applicable CPUC-jurisdictional tariffs using agreed upon estimated usage in kilowatt-hours provided by CCSF to PG&E on a monthly basis.

e. Any existing unmetered CCSF load served under CPUC tariffs that is increased, moved or where the PG&E facilities serving the load are requested to be changed, updated or upgraded

These locations will require CCSF to install a meter pedestal or panel and conform to the standard provisions of PG&E's CPUC tariffs to continue receiving PG&E service. Electric Service for CCSF will be subject to the standard installation responsibilities set forth in PG&E's applicable rules and tariffs. PG&E will serve these loads under the applicable CPUC jurisdictional tariffs using the actual metered data.

3) New service requests for transitional requests

Any new CCSF requests that are not eligible for WDT3 service starting October 1, 2021 through January 31, 2022 will be eligible for PG&E service under CPUC tariffs and must be designed with a meter. PG&E will not be accepting new applications for unmetered service under its FERC or CPUC tariffs.

Tariff Revisions

Revisions are proposed to the TC-1 and LS-1 rate schedules to offer retail service to CCSF unmetered load that is not eligible for WDT3 service during the Transition. The affected tariff sheets are listed on the enclosed Attachment 1. For convenience of the reader, PG&E has included redline revisions in Attachment 4.

Electric Schedule LS-1 – PG&E Owned Streetlight and Highway Lighting

- Include two new rate classes for the decorative streetlights located in the Chinatown and Financial (Triangle) District. The streetlight facility charges for these specific fixtures are currently listed in CCSF Rate Schedules 6 (Chinatown Area) and Schedule 9 (Triangle District) as approved in Advice 5376-E-B - *Second Supplemental: 2019 Annual Electric True-Up - Consolidated Electric Rate Changes Effective March 1, 2019 (Attachment 2)*. PG&E is simply creating the two new rate classes under LS-1 and transferring the current streetlight facility

changes under CCSF Rate Schedules 6 and Schedule 9, to Electric Schedule LS-1 Class G and H respectively.

- Upon complete transition of CCSF streetlight fixtures to PG&E retail rates, PG&E will retire the existing CCSF Rate Schedules which will no longer be relevant.

Electric Schedule TC-1 – Traffic Control Service

- In Applicability Section add provision for inclusion of unmetered San Francisco traffic controls installations, previously served under FERC tariffs.

Pursuant to Section 9.2.3 of G.O. 96-B PG&E may provide service to a government agency under terms and conditions otherwise deviating from its tariffs then in effect. PG&E may begin such service without prior Commission approval, but the utility shall promptly submit an advice letter to notify the Commission of PG&E's provision of such service and of the rates, charges, terms and conditions under which the service is provided.

With this advice letter PG&E is notifying the Commission that it intends to begin offering service to the City and County of San Francisco under the terms and conditions described in the tariff changes included here starting February 1, 2022. Should the Commission amend our proposal, PG&E will retroactively adjust the Customer's billing to align with the Commission resolution.

Protests

*****Due to the COVID-19 pandemic, 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 October 20, 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:

Sidney Bob Dietz II
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 (G.O.) 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 (G.O. 96-B, Section 3.11).

Effective Date

Pursuant to G.O. 96-B, Rule 5.3, this advice letter is submitted with a Tier 3 designation. PG&E requests that this Tier 3 advice submittal become effective February 1, 2022 or upon Commission approval.

As mentioned previously pursuant to Section 9.2.3 of G.O. 96-B, PG&E will begin providing service to the City and County of San Francisco under the terms and conditions described in the tariff changes included here starting February 1, 2022. Per Section 9.2.3 of G.O. 96-B PG&E may provide service to a government agency under terms and conditions otherwise deviating from its tariffs then in effect. PG&E may begin such service without prior Commission approval, but the utility shall promptly submit an advice letter to notify the Commission of PG&E's provision of such service and of the rates, charges, terms and conditions under which the service is provided which is the purpose of this advice letter.

Notice

In accordance with G.O. 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 the FERC WDT3. Address changes to the G.O. 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



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 U39E)

Utility type:

- ELC GAS WATER
 PLC HEAT

Contact Person: Kimberly Loo

Phone #: (415)973-4587

E-mail: PGETariffs@pge.com

E-mail Disposition Notice to: KELM@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) #: 6344-E

Tier Designation: 3

Subject of AL: Proposed Amendments to PG&E LS-1 and TC-1 Rate Schedules and implementation of proposed changes pursuant to Section 9.2.3 of General Order 96-B.

Keywords (choose from CPUC listing): Street Lights, Metering

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: 2/1/22

No. of tariff sheets: 11

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: Sidney Bob Dietz II, c/o Megan Lawson
Title: Director, Regulatory Relations
Utility Name: Pacific Gas and Electric Company
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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.
51588-E	ELECTRIC SCHEDULE LS-1 PG&E-OWNED STREET AND HIGHWAY LIGHTING Sheet 1	49684-E
51589-E	ELECTRIC SCHEDULE LS-1 PG&E-OWNED STREET AND HIGHWAY LIGHTING Sheet 2	50767-E
51590-E	ELECTRIC SCHEDULE LS-1 PG&E-OWNED STREET AND HIGHWAY LIGHTING Sheet 11	49688-E
51591-E	ELECTRIC SCHEDULE LS-1 PG&E-OWNED STREET AND HIGHWAY LIGHTING Sheet 13	49690-E
51592-E	ELECTRIC SCHEDULE LS-1 PG&E-OWNED STREET AND HIGHWAY LIGHTING Sheet 14	30282-E
51593-E	ELECTRIC SCHEDULE LS-1 PG&E-OWNED STREET AND HIGHWAY LIGHTING Sheet 17	49693-E
51594-E	ELECTRIC SCHEDULE TC-1 TRAFFIC CONTROL SERVICE Sheet 1	50793-E
51595-E	ELECTRIC SCHEDULE TC-1 TRAFFIC CONTROL SERVICE Sheet 3	26988-E
51596-E	ELECTRIC SCHEDULE TC-1 TRAFFIC CONTROL SERVICE Sheet 4	49171-E
51597-E	ELECTRIC TABLE OF CONTENTS Sheet 1	51582-E
51598-E	ELECTRIC TABLE OF CONTENTS Sheet 5	50798-E



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 1

APPLICABILITY: This schedule is applicable to unmetered PG&E-owned and maintained lighting installations which illuminate publicly owned and operated streets, highways, and other outdoor ways and places and which generally utilize PG&E's distribution facilities under the provisions contained below. Rates of Class A through Class H service will be applicable as determined in Special Condition 4. (T)

TERRITORY: The entire territory served.

RATES: The total monthly charge per lamp is equal to the sum of the facility charge and the energy charge. The monthly charge per lamp used for billing is calculated using unrounded facility and energy charges.

Monthly facility charges include the costs of owning, operating and maintaining the various facilities for each Schedule LS-1 Class. Monthly energy charges are based on the kWh usage of each lamp.

Monthly energy charges per lamp are calculated using the following formula: (Lamp wattage + ballast wattage) x 4,100 hours/12 months/1000 x streetlight energy rate per kilowatt hour (kWh). Ballast wattage = ballast factor x lamp wattage.

Total bundled monthly facility and energy charges are shown below.

The various ballast wattages used in the monthly energy charge calculations can be found in the Ballast Factor table following the monthly energy charges. Ballast factors are averaged within each grouping (range of wattages). The same ballast factor is applied to all of the lamps that fall within its watt range. Applicant or Customer must provide third party documentation where manufacturer's information is not available for rated wattage consumption before PG&E will accept lamps for this schedule.

Direct Access (DA) and Community Choice Aggregation (CCA) charges shall be calculated in accordance with Condition 17, Billing, below.

(Continued)



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 2

RATES: (Cont'd.)

CLASS	Facilities Charge Per Lamp Per Month									(T)
	A	B	C	D	E	F	G	H1	H2	
	\$6.849	\$7.126	\$6.680	\$9.331	\$9.664	\$7.828	\$56.880 (N)	\$62.052 (N)	\$5.191 (N)	
LED Program Incremental Facility Charge	\$0.000		\$0.000	\$12.768	\$0.000	\$0.000				

Energy Charge Per Lamp Per Month
All Night Rates

LAMP WATTS	kWh per MONTH	AVERAGE INITIAL LUMENS	All Night Rate	Half-Hour Adjustment
INCANDESCENTLAMPS*:				
58	20	600	\$3.768	\$0.171
92	31	1,000	\$5.840	\$0.265
189	65	2,500	\$12.245	\$0.557
295	101	4,000	\$19.026	\$0.865
405	139	6,000	\$26.185	\$1.190
MERCURYVAPORLAMPS*:				
100	40	3,500	\$7.535	\$0.343
175	68	7,500	\$12.810	\$0.582
250	97	11,000	\$18.273	\$0.831
400	152	21,000	\$28.634	\$1.302
700	266	37,000	\$50.109	\$2.278
HIGHPRESSURESODIUMVAPORLAMPS***:				
120 Volts				
70	29	5,800	\$5.463	\$0.248
100	41	9,500	\$7.724	\$0.351
150	60	16,000	\$11.303	\$0.514
200	80	22,000	\$15.070	\$0.685
250	100	26,000	\$18.838	\$0.856
400	154	46,000	\$29.011	\$1.319
240 VOLTS				
70	34	5,800	\$6.405	\$0.291
100	47	9,500	\$8.854	\$0.402
150	69	16,000	\$12.998	\$0.591
200	81	22,000	\$15.259	\$0.694
250	100	25,500	\$18.838	\$0.856
400	154	46,000	\$29.011	\$1.319

* Closed to new installations per Advice 669-E, effective June 8, 1978.
 ** Closed to new mixed ownership installations. See Special Condition 4.
 *** Closed to new installations for all Classes per Advice 6176-E, effective May 28, 2021.

(Continued)

Advice 6344-E
Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted
Effective
Resolution

September 30, 2021



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 11

SPECIAL
CONDITIONS:

(Cont'd)

4. DESCRIPTION OF SERVICE PROVIDED:

The following describes lighting facilities only. Service connection and lighting installation responsibilities and payments, are described in special conditions 7, 8 and 9.

PG&E provides several Classes (A, B, C, D, E, F, G and H) of LS-1 facilities. The Classes enable fair distribution of facility charges in correlation with PG&E's cost to maintain each Class. Once installed, PG&E maintains full ownership and maintenance responsibility for all Classes of LS-1. (T)

Only equipment included in PG&E's current standards are eligible for installation under LS-1, except as addressed in Special Condition 12. Current standards are available through PG&E's Service Planning application process.

Class A: Applicable to standard non-decorative fixtures (the entire lighting unit that includes the lamp, if applicable) installed on a PG&E wood distribution pole for illumination of public ways. PG&E provides its standard fixture, control facility, and standard 30" bracket on its existing wood distribution pole. There is no installation charge for this Class for standard (non-decorative) LED fixtures.

Class B: Closed to new installations per Advice 688-E, effective September 11, 1978. This Class is for streetlight installations for which the Customer has paid the estimated installed cost of the fixture, standard 30" bracket and control facilities.

(Continued)



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 13

SPECIAL
CONDITIONS:
(Cont'd.)

4. **DESCRIPTION OF SERVICE PROVIDED:** (Cont'd.)

Class G: Applicable to decorative streetlight fixtures and poles located in the Chinatown area of San Francisco, specifically on Grant Street between Bush Street and Broadway Street. PG&E provides ornamental multi-colored "Dragon Light" luminaires with 250 watt HPSV lamps installed on ornamental poles. Customer is responsible for all further costs, see Special Condition 9.

(N)

Class H1: Applicable to decorative streetlight fixtures and poles located in the Financial District of San Francisco, specifically bounded by Market Street, Mason Street and Sutter Street. PG&E provides ornamental "triangle" type luminaires with 150 watt HPSV lamps, necessary support arms, and control facilities installed on ornamental steel poles. Customer is responsible for all further costs, see Special Condition 9.

Class H2: Applicable to decorative streetlight fixtures and poles located in the Financial District of San Francisco, specifically bounded by Market Street, Mason Street and Sutter Street. PG&E provides ornamental "triangle" type luminaires with 150 watt HPSV lamps. The Class considers that facility charges for the pole are paid through the primary fixture which is under Class H1.

(N)

5. **RELOCATION, REARRANGEMENT OR MODIFICATION OF FACILITIES:** For any relocation, rearrangement, or modification of PG&E's existing streetlight or service facilities at the request of the Customer and agreed to by PG&E, Customer shall pay PG&E, in advance, PG&E's estimated total cost of the relocation, rearrangement, or modification. This shall include, but is not limited to, fixture changes.

6. **SERVICE REQUESTS:** Service requests shall be made through PG&E's Service Planning organization and shall include form 79-1007 (*Request to Install or Energize Streetlight Schedules LS-1, LS-2, OL-1*) or 79-1008 (*Request to De-Energize or Remove Streetlights LS-1, LS-2, OL-1*) for installations, removals, relocations, rearrangements, modifications, energizing and de-energizing of streetlight facilities.

(L)
(L)

(Continued)



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 17

SPECIAL
CONDITIONS:
(Cont'd.)

9. **PAYMENT FOR INSTALLATION OF LIGHTING FACILITIES** (Cont'd.):

Class D: Restricted to Decorative Fixtures - Customer or Applicant shall pay, in advance, the estimated installed cost of the remaining lighting facilities that PG&E is required to install. Allowances are not applied to street light facilities on the load side of the service delivery point.

For new Class D installations where the Customer requests an LED fixture, the Customer may choose to pay to PG&E in advance, a non-refundable amount equal to PG&E's estimated cost difference between the selected LED fixture and PG&E's most similar HPSV fixture as determined by PG&E. Customers not wishing to pay the estimated cost difference between LED and HPSV for new lighting installations under LS-1D may elect to include new lights under PG&E's optional LED streetlight replacement program by choosing to pay the Incremental Facility Charge for LS-1D as shown on Sheet 2 of this schedule.

LS-1D Customers with existing HPSV fixtures who prefer to not pay the up-front cost for replacement LED fixtures may also elect to participate in PG&E's optional LED streetlight replacement program by choosing to pay the LS-1D Incremental Facility Charge as shown on Sheet 2.

Customers electing to participate in PG&E's optional LED streetlight replacement program will be eligible for any applicable rebate or incentive available through ratepayer-funded programs intended to increase energy efficiency.

Classes E and F: Customer or Applicant shall pay, in advance, the estimated installed cost of the remaining lighting facilities that PG&E is required to install. Allowances are not applied to street light facilities on the load side of the service delivery point.

Classes G and H: This Class is closed for new installations. (N)

(Continued)



**ELECTRIC SCHEDULE TC-1
TRAFFIC CONTROL SERVICE**

Sheet 1

APPLICABILITY: Applicable to metered service for traffic control-related equipment operating on a 24-hour basis, owned by governmental agencies and located on streets, highways and other publicly-dedicated outdoor ways and places. Streetlights on traffic circuits and other equipment operating on a 24-hour basis in conformity with this rate design may also be connected under this Schedule. Also applicable for service to these installations where service is initially established in the name of a developer who has installed such systems as required by a governmental agency, where ownership of facilities and responsibility for service will ultimately be transferred to the jurisdiction requiring the installation. Also applicable for service to a limited number of unmetered San Francisco traffic control installations, previously served under a wholesale rate, where metering infrastructure is impractical due to physical constraints in public right of way. Non-conforming incidental load such as low voltage sprinkler controls may also be attached where such loads do not exceed 5% of the total connected load served under a TC-1 Service Account. Maximum load per meter is 34,000 kWh per month.

(N)
|
(N)

TERRITORY: The entire territory served.

RATES: Total bundled service charges are calculated using the total rates shown below. Direct Access (DA) and Community Choice Aggregation (CCA) charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

TOTAL RATES

Customer Charge Rate (\$ per meter per day)	\$0.49281
Energy Rate (\$ per kWh)	\$0.20565

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below.

UNBUNDLING OF TOTAL RATES

Customer Charge Rates: Customer charge rates provided in the Total Rate section above are assigned entirely to the unbundled distribution component.

Energy Rate by Components (\$ per kWh)

Generation	\$0.10150
Distribution**	\$0.06280
Transmission*	\$0.02804
Transmission Rate Adjustments*	(\$0.00248)
Reliability Services*	\$0.00013
Public Purpose Programs	\$0.00540
Nuclear Decommissioning	\$0.00093
Competition Transition Charge	\$0.00003
Energy Cost Recovery Amount	\$0.00032
Wildfire Fund Charge	\$0.00580
New System Generation Charge**	\$0.00318

* Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.

** Distribution and New System Generation Charges are combined for presentation on customer bills.

(Continued)



**ELECTRIC SCHEDULE TC-1
TRAFFIC CONTROL SERVICE**

Sheet 3

SPECIAL
CONDITIONS:
(Cont'd.)

2. **SERVICE CONNECTIONS** (Cont'd.)

- f) **PG&E Installation Responsibility:** PG&E shall furnish and install the underground or overhead service conductor, transformers and necessary facilities to complete the service to the distribution line source subject to the payment provisions of special condition 3. Only duly authorized employees of PG&E shall connect Customer's loads to, or disconnect the same from, PG&E's electrical distribution facilities.
- g) Temporary services will be installed under the provisions of electric Rule 13.

3. **NON REFUNDABLE PAYMENT FOR SERVICE POINT INSTALLATION**

Customer or Applicant shall pay in advance the estimated installed cost minus a one-time average revenue allowance. Annually, PG&E will determine a fixed average allowance by taking the average annual equivalent kWh for the class multiplied by the distribution component of the energy rate, then divided by the cost of service factor shown in Electric Rule 15.C.

- 4. **METERING:** Each point of delivery will be metered and billed separately. Service to a limited number of traffic control installations in San Francisco, previously served under a wholesale rate, will be unmetered where metering infrastructure is impractical due to physical constraints in public right of way. (N)
|
|
(N)

- 5. **MAINTENANCE:** Maintenance will be performed by the Customer.

6. **LINE EXTENSION:**

- a. Where PG&E extends its facilities to Traffic Control installations in advance of subdivision projects where subdivision maps have been approved by local authorities, extensions will be installed under the provisions of Electric Rule 15, except as noted below.
- b. Where PG&E extends its facilities to Traffic Control installations in the absence of any approved subdivision maps, applicant shall pay PG&E's estimated cost, plus cost of ownership and applicable tax. Standard form contract 62-4527, Agreement to Perform Tariff Schedule Related Work, shall be used for these installations.

7. **MAINTENANCE, ACCESS, CLEARANCES**

- a) Customer or Applicant will maintain adequate access for PG&E's standard equipment used in installing and maintaining facilities. PG&E reserves the right to collect additional maintenance costs due to obstructed access or other conditions preventing PG&E from maintaining its equipment with standard operating procedures. Re-arrangement charges are outlined in special condition 2.d.
- b) Customer or Applicant shall, at its expense, correct all access or clearance infractions or pay PG&E's total estimated cost to relocate PG&E's facilities to a new location which is acceptable to PG&E. Failure to comply with corrective measures within a reasonable time may result in discontinuance of service as provided in electric Rule 11.

(L)
(L)

(Continued)



**ELECTRIC SCHEDULE TC-1
TRAFFIC CONTROL SERVICE**

Sheet 4

SPECIAL
CONDITIONS:
(Cont'd.)

- 8. **BILLING:** A Customer's bill is calculated based on the option applicable to the Customer. Payment will be made in accordance with PG&E's filed tariffs. (L)

Bundled Service Customers receive supply and delivery services solely from PG&E. The customer's bill is based on the Total Rates and Conditions set forth in this schedule.

Transitional Bundled Service Customers take transitional bundled service as prescribed in Rules 22.1 and 23.1, or take bundled service prior to the end of the six (6) month advance notice period required to elect bundled portfolio service as prescribed in Rules 22.1 and 23.1. These customers shall pay charges for transmission, transmission rate adjustments, reliability services, distribution, nuclear decommissioning, public purpose programs, New System Generation Charges, the applicable Cost Responsibility Surcharge (CRS) pursuant to Schedule DA CRS or Schedule CCA CRS, and short-term commodity prices as set forth in Schedule TBCC.

Direct Access (DA) and Community Choice Aggregation (CCA) Customers purchase energy from their non-utility provider and continue receiving delivery services from PG&E. Bills are equal to the sum of charges for transmission, transmission rate adjustments, reliability services, distribution, public purpose programs, nuclear decommissioning, New System Generation Charges, the franchise fee surcharge, and the applicable CRS. The CRS is equal to the sum of the individual charges set forth below. Exemptions to the CRS are set forth in Schedules DA CRS and CCA CRS.

	DA / CCA CRS
Energy Cost Recovery Amount Charge (per kWh)	\$0.00032
Wildfire Fund Charge (per kWh)	\$0.00580
CTC Charge (per kWh)	\$0.00003
Power Charge Indifference Adjustment (per kWh)	
2009 Vintage	\$0.03406
2010 Vintage	\$0.04100
2011 Vintage	\$0.04285
2012 Vintage	\$0.04537
2013 Vintage	\$0.04559
2014 Vintage	\$0.04562
2015 Vintage	\$0.04583
2016 Vintage	\$0.04613
2017 Vintage	\$0.04617
2018 Vintage	\$0.04564
2019 Vintage	\$0.03476
2020 Vintage	\$0.02801
2021 Vintage	\$0.02801

- 9. **WILDFIRE FUND CHARGE:** The Wildfire Fund Charge was imposed by California Public Utilities Commission Decisions 19-10-056, 20-07-014, 20-09-005, and 20-09-023 and is property of Department of Water Resources (DWR) for all purposes under California law. The Charge became effective October 1, 2020, and applies to all retail sales, excluding CARE and Medical Baseline sales. The Wildfire Fund Charge (where applicable) is included in customers' total billed amounts. The Wildfire Fund Charge replaces the DWR Bond Charge imposed by California Public Utilities Commission Decisions 02-10-063 and 02-12-082.



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Sheet 1

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Advice 6344-E
Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted
Effective
Resolution

September 30, 2021



ELECTRIC TABLE OF CONTENTS

Sheet 5

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(Continued)

Advice 6344-E
September 30, 2021

Attachment 2

**CCSF Current Rate Schedules as approved in
Advice 5376-E-B**

**PACIFIC GAS AND ELECTRIC COMPANY
2017 GENERAL RATE CASE - PHASE II
Advice 5376-E-B
Attachment 2**

Rate Schedule	Typical Lamp Type & Size	Present Rate	Proposed Rate
CCSF Rate Schedule No. 1 LS-1A	HIGH PRESSURE SODIUM VAPOR 100 WATTS 9,500 LUMENS	\$6.494	\$7.103
CCSF Rate Schedule No. 3 LS-1A	HIGH PRESSURE SODIUM VAPOR 150 WATTS 16,000 LUMENS	\$6.486	\$7.093
CCSF Rate Schedule No. 4E LS-1E	HIGH PRESSURE SODIUM VAPOR 100 WATTS 9,500 LUMENS	\$10.294	\$9.721
CCSF Rate Schedule No. 4A LS-1E	MERCURY VAPOR 175 WATTS 7,500 LUMENS	\$10.478	\$9.941
CCSF Rate Schedule No. 6 LS-2B	High Pressure Sodium Vapor 100 WATTS 9,500 LUMENS	\$3.994	\$3.994
Nonstandard - No PG&E Equivalent			
CCSF Rate Schedule No. 4A	Incandescent: 295 WATTS 4,000 LUMENS	\$17.067	\$19.712
	Mercury Vapor: 400 WATTS 21,000 LUMENS	\$11.602	\$11.757
CCSF Rate Schedule No. 5	High Pressure Sodium Vapor 100 WATTS 9,500 LUMENS	\$12.835	\$11.773
	Incandescent: 405 WATTS 6,000 LUMENS	\$17.067	\$19.712
CCSF Rate Schedule No. 6 (Chinatown Area)	High Pressure Sodium Vapor 250 WATTS 28,000 LUMENS	\$68.608	\$56.880
CCSF Rate Schedule No. 7		Based on Time & Material.	
CCSF Rate Schedule No. 9 (Triangle District)	High Pressure Sodium Vapor		
	150W 16,000 LUMENS DUPLEX (1)	\$62.052	\$62.052
	150W 16,000 LUMENS DUPLEX (2)	\$4.967	\$5.191

Notes:

The rate(s) for each City and County of San Francisco rate schedule is based on a typical lamp within each rate schedule.

Advice 6344-E
September 30, 2021

Attachment 3

CCSF Intersection Inventory and Traffic Signal Energy Consumption

Traffic Signal Energy Consumption

Daily Values

DATE: 09/27/21

DEVICE No.	DEVICE	DEVICE WATTAGE	CURRENT MONTH		PREVIOUS MONTH			
			DEVICES QUANTITY	DEVICES DAILY ENERGY CONSUMPTION (kWh/day)	DEVICES QUANTITY	QUANTITY DIFF.	DEVICES CONS. (kWh/day)	CONSUMPTION DIFF. (kWh/day)
0A	CONTROLLER	36.00	1,288	1,112.92	1,287	+1	1,112.05	+0.86
0B	MASTER CONTROLLER	125.00	7	21.00	7	0	21.00	0
1A	1SECTION12" FR ALL TIMES	3.10	41	3.05	41	0	3.05	0
1B	1SECTION12" FY ALL TIMES	4.85	25	2.91	25	0	2.91	0
1C	1SECTION12" R/FR	4.72	31	3.51	31	0	3.51	0
1D	1SECTION12" FR (TRAIN)	0.32	4	0.03	4	0	0.03	0
1E	1SECTION12" FY PREPARE TO STOP	2.32	4	0.22	4	0	0.22	0
2A	2SECTION12" LUNAR BAR	6.22	255	38.07	243	+12	36.28	+1.79
2B	2SECTION12" FY SCHOOL HOURS	1.15	12	0.33	12	0	0.33	0
3A	3SECTION8"	6.00	3,867	556.85	3,869	-2	557.14	-0.29
3B	3SECTION8" FY	4.57	8	0.88	8	0	0.88	0
3C	2SECTION8"+1SECTION12" GLA/GRA	6.00	2	0.29	2	0	0.29	0
3D	1SECTION12"R+2SECTION8"	6.10	23	3.36	23	0	3.36	0
3E	3SECTION8" BIKE	6.04	40	5.79	40	0	5.79	0
3F	3SECTION12"	6.59	7,761	1,228.31	7,753	+8	1,227.04	+1.27
3G	3SECTION12" FY	5.71	36	4.93	36	0	4.93	0
3H	3SECTION12" GLA/GRA/GVA	6.26	211	31.70	211	0	31.70	0
3I	3SECTION12" FYLA/FYRA	5.14	20	2.47	20	0	2.47	0
3J	3SECTION12" LA/RA	6.15	248	36.62	248	0	36.62	0
3K	3SECTION12" PROGRAM. VISIBILITY	10.00	83	19.92	83	0	19.92	0
3L	3SECTION12" BIKE	6.32	69	10.47	69	0	10.47	0
4A	3SECTION8"+1SECTION12" GLA/GRA	7.43	5	0.89	5	0	0.89	0
4B	2SECTION8"+2SECTION12" GLA+GRA	8.87	6	1.28	6	0	1.28	0
4C	4SECTION12" GLA/GRA LAGGING TURN	8.03	267	51.44	267	0	51.44	0
4D	4SECTION12" GLA/GRA SPLIT PHASE	7.96	56	10.69	56	0	10.69	0
4E	4SECTION12" FYLA+FYRA	6.88	5	0.83	3	+2	0.50	+0.33
4F	4SECTION12" RRA/GLA+GRA	9.56	4	0.92	4	0	0.92	0
4G	4SECTION12" PROGRAM. VISIBILITY	12.39	6	1.78	6	0	1.78	0
5A	3SECTION8"+2SECTION12" GYLA/GYRA	9.19	3	0.66	3	0	0.66	0
5B	5SECTION12" GYLA/GYRA	9.79	59	13.86	59	0	13.86	0
5C	5SECTION12" PROGRAM. VISIBILITY	12.83	2	0.62	2	0	0.62	0
10A	PEDESTRIAN SIGNAL	8.06	9,231	1,785.89	9,227	+4	1,785.12	+0.77
10B	ACCESIBLE PEDESTRIAN SIGNAL	0.18	3,003	12.83	2,959	+44	12.64	+0.19
11	RECTANGULAR RAPID FLASHING BEACON	0.92	63	1.39	63	0	1.39	0
12A	16"x16" EXTINGUISHABLE MESSAGE SIGN (TRAIN)	3.69	47	4.16	47	0	4.16	0
12B	24"x24" EXTINGUISHABLE MESSAGE SIGN (TRAIN)	1.84	28	1.24	28	0	1.24	0
12C	24"x24" EXTINGUISHABLE MESSAGE SIGN (NO TURN)	45.67	53	58.09	53	0	58.09	0
13	TRANSIT SIGNAL PRIORITY CIRCUIT	12.51	373	112.01	373	0	112.01	0
14	CCTV TRAFFIC OBSERVATION CAMERA	20.00	62	29.76	62	0	29.76	0
15	LIDAR SENSOR SYSTEM	1.00	1,232	29.57	1,232	0	29.57	0
16A	SENSYS DETECTION SYSTEM	0.70	159	2.67	159	0	2.67	0
16B	VIDEO DETECTION SYSTEM	50.00	73	87.60	73	0	87.60	0
17	REDLIGHT CAMERA SYSTEM	230.00	12	66.24	12	0	66.24	0
18	RADAR SPEED SIGN	3.50	13	1.09	13	0	1.09	0

TOTAL DAILY ENERGY CONSUMPTION (kWh/day)	5,359.13
PREVIOUS TOTAL DAILY CONSUMPTION (kWh/day)	5,354.21
TOTAL DAILY DIFFERENCE (kWh/day)	+4.93

Advice 6344-E
September 30, 2021

Attachment 4

Redline Tariff Revisions



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 1

APPLICABILITY: This schedule is applicable to unmetered PG&E-owned and maintained lighting installations which illuminate publicly owned and operated streets, highways, and other outdoor ways and places and which generally utilize PG&E's distribution facilities under the provisions contained below. Rates of Class A through Class ~~F-H~~ service will be applicable as determined in Special Condition 4. (T)

TERRITORY: The entire territory served.

RATES: The total monthly charge per lamp is equal to the sum of the facility charge and the energy charge. The monthly charge per lamp used for billing is calculated using unrounded facility and energy charges.

Monthly facility charges include the costs of owning, operating and maintaining the various facilities for each Schedule LS-1 Class. Monthly energy charges are based on the kWh usage of each lamp.

Monthly energy charges per lamp are calculated using the following formula: (Lamp wattage + ballast wattage) x 4,100 hours/12 months/1000 x streetlight energy rate per kilowatt hour (kWh). Ballast wattage = ballast factor x lamp wattage.

Total bundled monthly facility and energy charges are shown below.

The various ballast wattages used in the monthly energy charge calculations can be found in the Ballast Factor table following the monthly energy charges. Ballast factors are averaged within each grouping (range of wattages). The same ballast factor is applied to all of the lamps that fall within its watt range. Applicant or Customer must provide third party documentation where manufacturer's information is not available for rated wattage consumption before PG&E will accept lamps for this schedule.

Direct Access (DA) and Community Choice Aggregation (CCA) charges shall be calculated in accordance with Condition 17, Billing, below.

(Continued)



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 2

RATES: (Cont'd.)

Facilities Charge Per Lamp Per Month

CLASS	Facilities Charge Per Lamp Per Month						G	H1	H2	(T)
	A	B	C	D	E	F				
	\$6.849	\$7.126	\$6.680	\$9.331	\$9.664	\$7.828	\$56.880 (N)	\$62.052 (N)	\$5.191 (N)	
LED Program Incremental Facility Charge	\$0.000		\$0.000	\$12.768	\$0.000	\$0.000				

Energy Charge Per Lamp Per Month
All Night Rates

LAMP WATTS	kWh per MONTH	AVERAGE INITIAL LUMENS	All Night Rate	Half-Hour Adjustment
INCANDESCENTLAMPS*:				
58	20	600	\$3.768 (I)	\$0.171
92	31	1,000	\$5.840 (I)	\$0.265 (I)
189	65	2,500	\$12.245 (I)	\$0.557 (I)
295	101	4,000	\$19.026 (I)	\$0.865 (I)
405	139	6,000	\$26.185 (I)	\$1.190 (I)
MERCURYVAPORLAMPS*:				
100	40	3,500	\$7.535 (I)	\$0.343 (I)
175	68	7,500	\$12.810 (I)	\$0.582 (I)
250	97	11,000	\$18.273 (I)	\$0.831 (I)
400	152	21,000	\$28.634 (I)	\$1.302 (I)
700	266	37,000	\$50.109 (I)	\$2.278 (I)
HIGHPRESSURESODIUMVAPORLAMPS***:				
120 Volts				
70	29	5,800	\$5.463 (I)	\$0.248 (I)
100	41	9,500	\$7.724 (I)	\$0.351 (I)
150	60	16,000	\$11.303 (I)	\$0.514 (I)
200	80	22,000	\$15.070 (I)	\$0.685 (I)
250	100	26,000	\$18.838 (I)	\$0.856 (I)
400	154	46,000	\$29.011 (I)	\$1.319 (I)
240 Volts				
70	34	5,800	\$6.405 (I)	\$0.291 (I)
100	47	9,500	\$8.854 (I)	\$0.402 (I)
150	69	16,000	\$12.998 (I)	\$0.591 (I)
200	81	22,000	\$15.259 (I)	\$0.694 (I)
250	100	25,500	\$18.838 (I)	\$0.856 (I)
400	154	46,000	\$29.011 (I)	\$1.319 (I)

* Closed to new installations per Advice 669-E, effective June 8, 1978.
 ** Closed to new mixed ownership installations. See Special Condition 4.
 *** Closed to new installations for all Classes per Advice 6176-E, effective May 28, 2021.

(Continued)



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 11

SPECIAL CONDITIONS:

(Cont'd)

4. DESCRIPTION OF SERVICE PROVIDED:

The following describes lighting facilities only. Service connection and lighting installation responsibilities and payments, are described in special conditions 7, 8 and 9.

PG&E provides several Classes (A, B, C, D, E, ~~F, G~~ and ~~F, H~~) of LS-1 facilities. The Classes enable fair distribution of facility charges in correlation with PG&E's cost to maintain each Class. Once installed, PG&E maintains full ownership and maintenance responsibility for all Classes of LS-1.

Only equipment included in PG&E's current standards are eligible for installation under LS-1, except as addressed in Special Condition 12. Current standards are available through PG&E's Service Planning application process.

Class A: Applicable to standard non-decorative fixtures (the entire lighting unit that includes the lamp, if applicable) installed on a PG&E wood distribution pole for illumination of public ways. PG&E provides its standard fixture, control facility, and standard 30" bracket on its existing wood distribution pole. There is no installation charge for this Class for standard (non-decorative) LED fixtures. (T)

Class B: Closed to new installations per Advice 688-E, effective September 11, 1978. This Class is for streetlight installations for which the Customer has paid the estimated installed cost of the fixture, standard 30" bracket and control facilities. (T)

(Continued)



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 13

SPECIAL
CONDITIONS:
(Cont'd.)

4. DESCRIPTION OF SERVICE PROVIDED: (Cont'd.)

(N)

(N)

Class G: Applicable to decorative streetlight fixtures and poles located in the Chinatown area of San Francisco, specifically on Grant Street between Bush Street and Broadway Street. PG&E provides ornamental multi-colored "Dragon Light" luminaires with 250 watt HPSV lamps installed on ornamental poles. Customer is responsible for all further costs, see Special Condition 9.

Class H1: Applicable to decorative streetlight fixtures and poles located in the Financial District of San Francisco, specifically onbounded by Market Street, between Mason Street and Sutter Street. PG&E provides ornamental "triangle" type luminaires with 150 watt HPSV lamps, necessary support arms, and control facilities installed on ornamental steel poles. Customer is responsible for all further costs, see Special Condition 9.

Class H2: Applicable to decorative streetlight fixtures and poles located in the Financial District of San Francisco, specifically bounded by Market Street, Mason Street and Sutter Street. PG&E provides ornamental "triangle" type luminaires with 150 watt HPSV lamps. The Class considers that facility charges for the pole are paid through the primary fixture which is under Class H1.

- 5. **RELOCATION, REARRANGEMENT OR MODIFICATION OF FACILITIES:** For any relocation, rearrangement, or modification of PG&E's existing streetlight or service facilities at the request of the Customer and agreed to by PG&E, Customer shall pay PG&E, in advance, PG&E's estimated total cost of the relocation, rearrangement, or modification. This shall include, but is not limited to, fixture changes.
- 6. **SERVICE REQUESTS:** Service requests shall be made through PG&E's Service Planning organization and shall include form 79-1007 (*Request to Install or Energize Streetlight Schedules LS-1, LS-2, OL-1*) or 79-1008 (*Request to De-Energize or Remove Streetlights LS-1, LS-2, OL-1*) for installations, removals, relocations, rearrangements, modifications, energizing and de-energizing of streetlight facilities.

(Continued)



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 13

7. SERVICE and LIGHTING INSTALLATION

RESPONSIBILITIES: The Applicant at its expense shall perform all necessary trenching, backfill and paving, and shall furnish and install all necessary conduit, and substructures, including substructures for transformer installations if necessary, for street light service and circuits, in accordance with PG&E's specifications. Upon acceptance by PG&E, ownership of the conduit and substructures will automatically transfer to PG&E. Riser material is installed by PG&E at the Customer's expense. Tree trimming is the responsibility of the Applicant.

PG&E will furnish and install the underground or overhead service conductor, transformers and necessary facilities to complete the service from the distribution line source subject to the payment provision of special condition 8.

PG&E will establish service delivery points in close proximity to its distribution system as follows:

(Continued)



ELECTRIC SCHEDULE LS-1
PG&E-OWNED STREET AND HIGHWAY LIGHTING

Sheet 17

SPECIAL
CONDITIONS:
(Cont'd.)

9. **PAYMENT FOR INSTALLATION OF LIGHTING FACILITIES** (Cont'd.):

Class D: Restricted to Decorative Fixtures - Customer or Applicant shall pay, in advance, the estimated installed cost of the remaining lighting facilities that PG&E is required to install. Allowances are not applied to street light facilities on the load side of the service delivery point.

For new Class D installations where the Customer requests an LED fixture, the Customer may choose to pay to PG&E in advance, a non-refundable amount equal to PG&E's estimated cost difference between the selected LED fixture and PG&E's most similar HPSV fixture as determined by PG&E. Customers not wishing to pay the estimated cost difference between LED and HPSV for new lighting installations under LS-1D may elect to include new lights under PG&E's optional LED streetlight replacement program by choosing to pay the Incremental Facility Charge for LS-1D as shown on Sheet 2 of this schedule.

LS-1D Customers with existing HPSV fixtures who prefer to not pay the up-front cost for replacement LED fixtures may also elect to participate in PG&E's optional LED streetlight replacement program by choosing to pay the LS-1D Incremental Facility Charge as shown on Sheet 2.

Customers electing to participate in PG&E's optional LED streetlight replacement program will be eligible for any applicable rebate or incentive available through ratepayer-funded programs intended to increase energy efficiency.

Classes E and F: Customer or Applicant shall pay, in advance, the estimated installed cost of the remaining lighting facilities that PG&E is required to install. Allowances are not applied to street light facilities on the load side of the service delivery point.

Classes G and H: This Class is closed for new installations. (N)

(Continued)



**ELECTRIC SCHEDULE TC-1
TRAFFIC CONTROL SERVICE**

Sheet 1

APPLICABILITY: Applicable to metered service for traffic control-related equipment operating on a 24-hour basis, owned by governmental agencies and located on streets, highways and other publicly-dedicated outdoor ways and places. Streetlights on traffic circuits and other equipment operating on a 24-hour basis in conformity with this rate design may also be connected under this Schedule. Also applicable for service to these installations where service is initially established in the name of a developer who has installed such systems as required by a governmental agency, where ownership of facilities and responsibility for service will ultimately be transferred to the jurisdiction requiring the installation. Also applicable for service to a limited number of unmetered San Francisco traffic controls installations, previously served under a wholesale rate, where metering infrastructure is impractical due to physical constraints in public right of way. Non-conforming incidental load such as low voltage sprinkler controls may also be attached where such loads do not exceed 5% of the total connected load served under a TC-1 Service Account. Maximum load per meter is 34,000 kWh per month.

(N)
↓
↓
(N)

TERRITORY: The entire territory served.

RATES: Total bundled service charges are calculated using the total rates shown below. Direct Access (DA) and Community Choice Aggregation (CCA) charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

TOTAL RATES

Customer Charge Rate (\$ per meter per day)	\$0.49281	
Energy Rate (\$ per kWh)	\$0.20565	(I)

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below.

UNBUNDLING OF TOTAL RATES

Customer Charge Rates: Customer charge rates provided in the Total Rate section above are assigned entirely to the unbundled distribution component.

<u>Energy Rate by Components (\$ per kWh)</u>		
Generation	\$0.10150	
Distribution**	\$0.06280	(I)
Transmission*	\$0.02804	(I)
Transmission Rate Adjustments*	(\$0.00248)	
Reliability Services*	\$0.00013	
Public Purpose Programs	\$0.00540	
Nuclear Decommissioning	\$0.00093	
Competition Transition Charge	\$0.00003	
Energy Cost Recovery Amount	\$0.00032	
Wildfire Fund Charge	\$0.00580	
New System Generation Charge**	\$0.00318	

* Transmission, Transmission Rate Adjustments, and Reliability Service charges are combined for presentation on customer bills.

** Distribution and New System Generation Charges are combined for presentation on customer bills.

(Continued)



**ELECTRIC SCHEDULE TC-1
TRAFFIC CONTROL SERVICE**

Sheet 3

SPECIAL
CONDITIONS:
(Cont'd.)

2. **SERVICE CONNECTIONS** (Cont'd.)

f) **PG&E Installation Responsibility:** PG&E shall furnish and install the underground or overhead service conductor, transformers and necessary facilities to complete the service to the distribution line source subject to the payment provisions of special condition 3. Only duly authorized employees of PG&E shall connect Customer's loads to, or disconnect the same from, PG&E's electrical distribution facilities.

g) Temporary services will be installed under the provisions of electric Rule 13.

3. **NON REFUNDABLE PAYMENT FOR SERVICE POINT INSTALLATION**

Customer or Applicant shall pay in advance the estimated installed cost minus a one-time average revenue allowance. Annually, PG&E will determine a fixed average allowance by taking the average annual equivalent kWh for the class multiplied by the distribution component of the energy rate, then divided by the cost of service factor shown in Electric Rule 15.C.

4. **METERING:** Each point of delivery will be metered and billed separately. Service to a limited number of traffic control installations in San Francisco, previously served under a wholesale rate, will be unmetered where metering infrastructure is impractical due to physical constraints in public right of way.

(N)
↓
(N)

5. **MAINTENANCE:** Maintenance will be performed by the Customer.

6. **LINE EXTENSION:**

a. Where PG&E extends its facilities to Traffic Control installations in advance of subdivision projects where subdivision maps have been approved by local authorities, extensions will be installed under the provisions of Electric Rule 15, except as noted below.

b. Where PG&E extends its facilities to Traffic Control installations in the absence of any approved subdivision maps, applicant shall pay PG&E's estimated cost, plus cost of ownership and applicable tax. Standard form contract 62-4527, Agreement to Perform Tariff Schedule Related Work, shall be used for these installations.

7. **MAINTENANCE, ACCESS, CLEARANCES**

a) Customer or Applicant will maintain adequate access for PG&E's standard equipment used in installing and maintaining facilities. PG&E reserves the right to collect additional maintenance costs due to obstructed access or other conditions preventing PG&E from maintaining its equipment with standard operating procedures. Re-arrangement charges are outlined in special condition 2.d.

b) Customer or Applicant shall, at its expense, correct all access or clearance infractions or pay PG&E's total estimated cost to relocate PG&E's facilities to a new location which is acceptable to PG&E. Failure to comply with corrective measures within a reasonable time may result in discontinuance of service as provided in electric Rule 11.

(L)
(L)

(Continued)



**ELECTRIC SCHEDULE TC-1
TRAFFIC CONTROL SERVICE**

Sheet 4

SPECIAL
CONDITIONS:
(Cont'd.)

- 8. **BILLING:** A Customer's bill is calculated based on the option applicable to the Customer. Payment will be made in accordance with PG&E's filed tariffs

(L)
(L)

Bundled Service Customers receive supply and delivery services solely from PG&E. The customer's bill is based on the Total Rates and Conditions set forth in this schedule.

Transitional Bundled Service Customers take transitional bundled service as prescribed in Rules 22.1 and 23.1, or take bundled service prior to the end of the six (6) month advance notice period required to elect bundled portfolio service as prescribed in Rules 22.1 and 23.1. These customers shall pay charges for transmission, transmission rate adjustments, reliability services, distribution, nuclear decommissioning, public purpose programs, New System Generation Charges, the applicable Cost Responsibility Surcharge (CRS) pursuant to Schedule DA CRS or Schedule CCA CRS, and short-term commodity prices as set forth in Schedule TBCC.

Direct Access (DA) and Community Choice Aggregation (CCA) Customers purchase energy from their non-utility provider and continue receiving delivery services from PG&E. Bills are equal to the sum of charges for transmission, transmission rate adjustments, reliability services, distribution, public purpose programs, nuclear decommissioning, New System Generation Charges, the franchise fee surcharge, and the applicable CRS. The CRS is equal to the sum of the individual charges set forth below. Exemptions to the CRS are set forth in Schedules DA CRS and CCA CRS.

	DA / CCA CRS	
Energy Cost Recovery Amount Charge (per kWh)	\$0.00032	
Wildfire Fund Charge (per kWh)	\$0.00580	
CTC Charge (per kWh)	\$0.00003	
Power Charge Indifference Adjustment (per kWh)		
2009 Vintage	\$0.03406	(I)
2010 Vintage	\$0.04100	(I)
2011 Vintage	\$0.04285	(I)
2012 Vintage	\$0.04537	(I)
2013 Vintage	\$0.04559	(I)
2014 Vintage	\$0.04562	(I)
2015 Vintage	\$0.04583	(I)
2016 Vintage	\$0.04613	(I)
2017 Vintage	\$0.04617	(I)
2018 Vintage	\$0.04564	(I)
2019 Vintage	\$0.03476	(I)
2020 Vintage	\$0.02801	(I)
2021 Vintage	\$0.02801	(I)

- 9. **WILDFIRE FUND CHARGE:** The Wildfire Fund Charge was imposed by California Public Utilities Commission Decisions 19-10-056, 20-07-014, 20-09-005, and 20-09-023 and is property of Department of Water Resources (DWR) for all purposes under California law. The Charge became effective October 1, 2020, and applies to all retail sales, excluding CARE and Medical Baseline sales. The Wildfire Fund Charge (where applicable) is included in customers' total billed amounts. The Wildfire Fund Charge replaces the DWR Bond Charge imposed by California Public Utilities Commission Decisions 02-10-063 and 02-12-082.

**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

Intertie

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

OnGrid Solar
Pacific Gas and Electric Company
Peninsula Clean Energy

Pioneer Community Energy

Public Advocates Office

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

SPURR
San Francisco Water Power and Sewer
Semptra 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