

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE



February 18, 2020

Advice Letter 4134-G/5622-E

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: Clean-Up of Gas and Electric Tariffs

Dear Mr. Jacobson:

Advice Letter 4134-G/5622-E is effective as of August 21, 2019.

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

August 21, 2019

Advice 4134-G/5622-E

(Pacific Gas and Electric Company ID U 39 M)

Public Utilities Commission of the State of California

Subject: Clean-Up of Gas and Electric Tariffs

Pacific Gas and Electric Company (PG&E) hereby submits revisions to its gas and electric tariffs. The affected tariff sheets are listed on the enclosed Attachment 1.

Purpose

The purpose of this advice letter is to make minor revisions to various tariffs in PG&E's tariff book to remove obsolete language, correct typos, and to update language consistent with current practices. The revisions are either non-substantial editorial change to the text of a tariff or revisions in compliance with specific requirements of a statute or Commission order. The submittal will not increase any current rate or charge, cause the withdrawal of service, or conflict with any rate schedule or rule.

Tariff Revisions

A matrix describing all tariff revisions is included as Appendix A to this advice letter. In addition, where tariffs have been revised, the redlines of the current tariffs are provided as Attachment 2.

Protests

Anyone wishing to protest this submittal may do so by letter sent via U.S. mail, facsimile or E-mail, no later than September 10, 2019, 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

PG&E requests that this Tier 1 advice submittal become effective upon date of submittal, which is August 21, 2019.

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. 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

Appendix A - Clean-Up Modification and Cancellations of Tariffs
Attachment 1 - Tariffs
Attachment 2 - Redlined Tariffs

Appendix A

Clean-Up Modification and Cancellations of Tariffs

Advice 4134-G/5622-E

Appendix A

Clean-Up Modification and Cancellations of Tariffs

#	Tariff	Location	Modification/Additional Information
1.	Gas Contracts and Deviations	Add Agreement to Sheet 12	<ul style="list-style-type: none"> In Advice 5332-E/3992-G – “Limited One Time Deviation from PG&E’s Agreement to Perform Tariffs Related Work (Form 62-4527) for the University of California – Davis”, PG&E inadvertently forgot to add the agreement to the list of Contracts and Deviations which we are now doing under this advice letter. Advice 5532-E / 3992-G was approved with Resolution G-3543.
2.	Electric Contracts and Deviations	Add Agreement to Sheet 39	<ul style="list-style-type: none"> In Advice 5332-E/3992-G – “Limited One Time Deviation from PG&E’s Agreement to Perform Tariffs Related Work (Form 62-4527) for the University of California – Davis”, PG&E inadvertently forgot to add the agreement to the list of Contracts and Deviations which we are now doing under this advice letter. Advice 5532-E/3992-G was approved with Resolution G-3543.
3.	Electric Preliminary Statement EW - Long-Term Procurement Plan Technical Assistance Memorandum Account (LTAMA)	Retire and cancel tariff	<ul style="list-style-type: none"> Advice 5249-E established Electric Preliminary Statement Part HJ -The Integrated Resource Planning Cost Memorandum Account (IRPCMA) Pursuant to Decision 18-02-018. Electric Preliminary Statement HJ (IRPCMA) supersedes Electric Preliminary Statement EW (LTAMA) which is no longer required and is being retired.
4.	Electric Schedule A-1 – Small General Service	Sheet 2, Applicability	<ul style="list-style-type: none"> Consolidating tariff language that has already been submitted and approved by the Commission. Second paragraph was approved with Advice 5188-E and fifth paragraph was approved with Advice 5399-E..
		Sheet 3, Rates	<ul style="list-style-type: none"> Simplifying language by removing the term Direct Access and Community Choice Aggregation and using the acronyms DA and CCA which is reference earlier in the tariff.
		Sheet 7, Common Area	<ul style="list-style-type: none"> Relocate reference to Rule 1, definition of Common Area Add clarifying language regarding continue eligibility if customer did not invoke right-of-return. Remove obsolete language regarding the Executive Council of Homeowners (ECHO) right-of-return period from April 1, 2004 to May 31, 2004, which has elapsed.

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Appendix A

Clean-Up Modification and Cancellations of Tariffs

#	Tariff	Location	Modification/Additional Information
5.	Electric Schedule A-10 – Medium General Demand-Metered Service	Sheet 1, Applicability, 3 rd paragraph	<ul style="list-style-type: none"> Deleted obsolete language requiring an interval data meter for customers with demands over 200 kW.*
		Sheet 1, Applicability, Transfer Off of Schedule A-10 TOU	<ul style="list-style-type: none"> Revised paragraphs to remove obsolete language requiring customers with an interval meter and demands over 200 kW to be on TOU rates.
		Sheet 1, Applicability, Assignment of New Customers	<ul style="list-style-type: none"> Revise minimum eligibility threshold for Schedule A-1 and A-6 as 75 kW as approved in Advice 4088-E and Advice 4740-E, respectively.
		Sheet 3, Rates	<ul style="list-style-type: none"> Consolidating tariff language that has already been submitted and approved by the Commission in Advice 5188-E and Advice 5207-E. Simplifying language by removing the term Direct Access and Community Choice Aggregation and using the acronyms DA and CCA which is reference earlier in the tariff.
		Sheet 7, Metering Requirements	<ul style="list-style-type: none"> Deleted obsolete language requiring an interval data meter for customers with demands over 200 kW.* Remove reference to two discontinued electric agreements, Interval Meter Data Management Service Agreement (Form 79 985) and Interval Meter Installation Service Agreement (Form 79-984) that were retired in Advice 3415-G/4285-E effective October 24, 2013.
		Sheet 9, Common-Area Accounts	<ul style="list-style-type: none"> Relocate reference to Rule 1, definition of Common Area Add clarifying language regarding continue eligibility if customer did not invoke right-of-return. Remove obsolete language regarding the ECHO right-of-return period from April 1, 2004 to May 31, 2004, which has elapsed. Delete reference to Schedule E-8 which was retired with Advice 3743-G/4885-E effective Aug. 31, 2016.

Advice 4134-G/5622-E

Appendix A**Clean-Up Modification and Cancellations of Tariffs**

#	Tariff	Location	Modification/Additional Information
6.	Electric Schedule A-6 – <i>Small General Time-Of-Use Service</i>	Sheet 1, Applicability	<ul style="list-style-type: none"> Remove obsolete requirement of interval data meter for customers with demands over 200 kW.*
		Sheet 2, Applicability	<ul style="list-style-type: none"> Remove obsolete language that allows a customer to stay on Schedule A-6 or elect a non-time-of-use rate schedule or alternate time-of-use rate schedule if they fail to exceed 199 kilowatts for 12 consecutive months. Delete reference to two discontinued electric agreements, Interval Meter Data Management Service Agreement (Form 79 985) and Interval Meter Installation Service Agreement (Form 79-984) that were retired in Advice 3415-G/4285-E effective October 24,2013. Eliminate outdated option that allows customers to elect Schedule A-6 under the terms of the Solar Pilot Program if customer exceeds 499 kW for at least three consecutive months during the most recent 12-month period. The Solar Pilot Program Section states that effective August 13, 2015, new customers or additional load from existing customers may not be added to the pilot (Advice 4740-E, effective July 7, 2016) .
		Sheet 3, Rates	<ul style="list-style-type: none"> Simplifying language by removing the term Direct Access and Community Choice Aggregation and using the acronyms DA and CCA which is reference earlier in the tariff.
		Sheet 5, Common-Area Accounts	<ul style="list-style-type: none"> Relocate reference to Rule 1 definition of Common-Use Area from Sheet 6 to Sheet 5. Add clarifying language regarding continue eligibility if customer did not invoke right-of-return. Remove obsolete language regarding the ECHO right-of-return period from April 1, 2004 to May 31, 2004, which has elapsed.
		Sheet 6, Common-Area Accounts (cont'd)	<ul style="list-style-type: none"> Relocate reference to Rule 1 definition of Common-Use Area from Sheet 6 to Sheet 5. Delete reference to Schedule E-8 which was retired with Advice 3743-G/4885-E effective Aug. 31, 2016.

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Appendix A**Clean-Up Modification and Cancellations of Tariffs**

#	Tariff	Location	Modification/Additional Information
7.	Electric Schedule E-19 – Medium General Demand-Metered Time-Of-Use Service	Sheet 2, Applicability, Transfers Off of Schedule E-19	<ul style="list-style-type: none"> Deleted obsolete language reference to 200 kW or greater provision.*
		Sheet 3, Applicability, Option R for Solar:	<ul style="list-style-type: none"> Revising language to add clarity. Simplifying language by removing the term Direct Access and Community Choice Aggregation and using the acronyms DA and CCA which is reference earlier in the tariff.
		Sheet 11, Metering Requirements	<ul style="list-style-type: none"> Deleted obsolete language requiring an interval data meter for customers with demands over 200 kW and replace with general requirement of an interval meter that can be read remotely by PG&E.* Replacing metering requirements for Direct Access customers with reference to Electric Rule 22. Remove reference to two discontinued electric agreements, Interval Meter Data Management Service Agreement (Form 79 985) and Interval Meter Installation Service Agreement (Form 79-984) that were retired in Advice 3415-G/4285-E effective October 24,2013.
		Sheet 13, Arrangements for Visual Display Metering.	<ul style="list-style-type: none"> Deleted obsolete section associated with visual display metering.*
		Sheet 14, Common-Area Accounts	<ul style="list-style-type: none"> Relocate reference to Rule 1, definition of Common Area Add clarifying language regarding continue eligibility if customer did not invoke right-of-return. Remove obsolete language regarding the ECHO right-of-return period from April 1, 2004 to May 31, 2004, which has elapsed. Delete reference to Schedule E-8 which was retired with Advice 3743-G/4885-E effective Aug. 31, 2016.
		Sheet 15 to 24	<ul style="list-style-type: none"> Re-number section headings

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Appendix A

Clean-Up Modification and Cancellations of Tariffs

#	Tariff	Location	Modification/Additional Information
8.	Electric Schedule E-20 - Service to Customers with Maximum Demands of 1000 Kilowatts or More	Sheet 2, Applicability, Solar or Fuel Cell Generation Demand Adjustment	<ul style="list-style-type: none"> Removing outdated language referencing Solar Cell Generation Demand Adjustment which ended December 31, 2016.
		Sheet 2, Applicability, Option R for Solar	<ul style="list-style-type: none"> Revising language to add clarity.
		Sheet 3, Rates	<ul style="list-style-type: none"> Simplifying language by removing the term Direct Access and Community Choice Aggregation and using the acronyms DA and CCA which is reference earlier in the tariff.
		Sheet 8, Metering Requirements	<ul style="list-style-type: none"> Deleted obsolete language requiring an interval data meter for customers with demands over 200 kW and replace with general requirement of an interval meter that can be read remotely by PG&E.* Replacing metering requirements for Direct Access customers with reference to Electric Rule 22. Remove reference to two discontinued electric agreements, Interval Meter Data Management Service Agreement (Form 79 985) which was retired in Advice 3415-G/4285-E effective October 24, 2013.
		Sheet 10, Arrangements for Visual Display Metering.	<ul style="list-style-type: none"> Deleted obsolete section associated with visual display metering.*
		Sheet 11 to 18	<ul style="list-style-type: none"> Renumber section headings
		Sheet 16, Section 18, Option R	<ul style="list-style-type: none"> Correct typographical error. The second formula in Section 18 should be division formula and the underline should be under the numerator which is "Annual PV System (new + existing) output₂." as correctly stated in Sheet 22 of Electric Schedule E-19. Replace dash line in third formula with solid line to represent division symbol.

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Clean-Up Modification and Cancellations of Tariffs

#	Tariff	Location	Modification/Additional Information
9.	Electric Schedule E-ECR-PDT - Enhanced Community Renewables Project Development Tariff	Retire and cancel tariff	<ul style="list-style-type: none"> Electric Schedule E-ECR-PDT, states that the schedule will close at the end of the November-December 2017 ECR Period, which has past allowing the schedule to be retired.
10.	Electric Schedule EDR - Economic Development Rate	Sheet 3, 4 th paragraph	<ul style="list-style-type: none"> Rewording paragraph for clarity.
11.	Electric Schedule E-FERA - Family Electric Rate Assistance	Sheet 1, Applicability	<ul style="list-style-type: none"> Deleting reference to bundle service customer and adding clarifying language that the FERA discount is equal to 18% of the total non-CARE portion of the bundled charges for Master Metered Customers.
12.	Electric Schedule E-TOU – Residential Time-Of Use Service	Sheet 5, Special Condition 1	<ul style="list-style-type: none"> Adding clarifying language to state that since Option B is a non-tiered Option, it has no baseline quantities associated with the Option and that Option B is not eligible for Medical Baseline Adjustment.
13.	Electric Schedule EL-TOU – Residential CARE Time-Of Use Service	Sheet 5, Special Condition 1	<ul style="list-style-type: none"> Adding clarifying language to state that since Option B is a non-tiered option, it has no baseline quantities associated with the Option and that the option is not eligible for Medical Baseline Adjustment.

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Appendix A

Clean-Up Modification and Cancellations of Tariffs

#	Tariff	Location	Modification/Additional Information
14.	Electric Schedule EV <i>– Residential Time-Of-Use Service for Plug-In Electric Vehicle Customers</i>	Sheet 1, Applicability	<ul style="list-style-type: none"> Remove participation cap since Electric Schedule EV is now closed to new customer, per Advice 5499-E, thus eliminating the need for the cap. The current tariff language in Schedule EV states that Rate A should remain open to new enrollment on the later of July 1, 2019 or the date of the new electric vehicle charging rate adopted by D.18-08-013 is available for enrollment. The new electric vehicle charging rate, Schedule EV2 was adopted effective July 1, 2019 per Advice 5532-E/A. Therefore, with the availability of Schedule EV2, PG&E is updating the language in the Applicability section of Schedule EV to state that Rate A is closed to new enrollment. Providing language for additional clarity to address implementation details related to the transition of existing EV-A customers to EV2-A who may be submitting an interconnection request around the time of the transition. Existing EV-A customers who submit an interconnection application by November 30, 2019 and receive permission to operate (PTO) will be eligible for up to 5 years of TOU Grandfathering (per D. 16-01-044), but not to exceed November 2025 since the Residential Default is scheduled to occur on October 2020. Once PTO is issued, eligible customers who were transitioned to EV2-A will be returned to EV-A.
15.	Electric Schedule S – Standby Service	Sheet 13	<ul style="list-style-type: none"> Remove reference to Electric Schedule E-37 which was retired with Advice 4077-G/5502-E.
16.	Electric Rule 1 - Definitions	Sheet 4, Footnote	<ul style="list-style-type: none"> Eliminate sentence in footnote 1 that states that “PG&E anticipates proposing a similar change to the Option R provisions of E-19 and E-20 in another advice letter”. This revision was submitted and approved with Advice 5352-E, that updated the capacity factor for single and dual tracker under Schedule E-19 and E-20.

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Appendix A

Clean-Up Modification and Cancellations of Tariffs

#	Tariff	Location	Modification/Additional Information
	Electric Rule 1 - Definitions (Continued)	Sheet 5, Behind the Meter Solar TOU Period Grandfathering Eligibility Requirements	<ul style="list-style-type: none"> PG&E is inserting Section G of the Behind the Meter Solar TOU Period Grandfathering Eligibility Requirements definition that was previously approved in Appendix 1 of Advice 5039 -E and 5039-E-A. In submitting the corresponding tariff changes in Advice 5188-E, PG&E inadvertently left out Section G, which is now being reinserted with this advice letter: Subsequent text is being relocated to accommodate the added language in Section G
		Sheet 6 to 8	<ul style="list-style-type: none"> Relocation of text to accommodate the added language in Section G, Sheet 4 as stated above.

* Decision (D.) 01-08-021, implemented AB1X-29 and required all customers with peak-demands in excess of 200 kW to receive an AB1X-29-funded real time energy metering (RTEM) or other type of interval meter. With the widespread implementation of advanced metering by PG&E, tariff language referencing the prior installation of RTEMs has become outdated and is no longer relevant, including minimum load requirements to qualify for Time-Of-Use metering and visual display accommodations.



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 U39M)

Utility type:

- ELC GAS WATER
 PLC HEAT

Contact Person: Yvonne Yang

Phone #: (415)973-2094

E-mail: PGETariffs@pge.com

E-mail Disposition Notice to: Yvonne.Yang@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) #: 4134-G/5622-E

Tier Designation: 1

Subject of AL: Clean-Up of Gas and Electric Tariffs

Keywords (choose from CPUC listing): Compliance, Text Changes

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: 8/21/19

No. of tariff sheets: 61

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 attached Appendix A

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.
35193-G	LIST OF CONTRACTS AND DEVIATIONS (Continued) Sheet 12	29284-G
35194-G	GAS TABLE OF CONTENTS Sheet 1	35191-G
35195-G	GAS TABLE OF CONTENTS Sheet 7	35086-G



LIST OF CONTRACTS AND DEVIATIONS
(Continued)

Sheet 12

Name and Location of Customer		Type or Class of Service	Execution and Expiration Dates	Commission Authorization Number and Date	Most Comparable Regular Tariff	
PG&E Installation Reference No.	Schedule or Rule No.				Contract Difference	
<u>SACRAMENTO VALLEY REGION</u>						
<u>Federal Agencies</u>						
U.S. Air Force, Fairfield Gardens, Travis Air Force Base, Solano County	Firm	6-3-59*1	G.O.96,X.B.	G-5	Facility Charge	
U.S. Air Force, McClellan Air Force Base, North Sacramento, Sacramento County	Firm	10-20-60*1	G.O.96,X.B.	G-4	Facility Charge	
U.S. Air Force, Mather Heights, Mather Air Force Base, Sacramento County	Firm	1-18-62*1	G.O.96-A,X.B.	G-5	Facility Charge	
U.S. Air Force, McClellan Air Force Base, North Sacramento, Sacramento County	Residential/General Service	2-16-01	G.O.96-A, 1.E.,X.B.	Rule 15	Negotiated Agreement	
<u>State Agencies</u>						
State of California Department of Public Health, Research Facility Solano County	Firm	12-18-64*1	G.O.96-A,X.B. 4-20-65	G-6	Facility Charge	
University of California - Davis.	Coml	01-31-2019 (one time)	Res. G-3543. 02-04-2019	Form 62-4527	Indemnification	(N) (N)
<u>Counties and Cities</u>						
City of Redding	Inter	9-21-93*1	G.O.96-A,X.B.	Rule 15 E-7	Gas Transmission Line Extension	
Placer County	Coml	2-7-2008 (one time)	G.O. 96-B 2-5-2008	Form 62-4527	Indemnification	

* *1 to *8 See last page of Gas Contracts and Deviations Section for explanation of footnotes.

(Continued)

Advice Decision 4134-G

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted Effective Resolution

August 21, 2019
August 21, 2019



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Preliminary Statements, Rules	35132-G	
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Advice 4134-G
Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted August 21, 2019
Effective August 21, 2019
Resolution



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Sheet 7

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Rule 19.3	California Alternate Rates for Energy for Qualified Agricultural Employee Housing Facilities	32053,34222,31219,34523-G
Rule 19.4	California Alternate Rates for Energy for Qualified Food Bank Facilities	35059-G
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Maps, Contracts and Deviations

SERVICE AREA MAPS:

Gas Service Area Map	31641-G
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LIST OF CONTRACTS AND DEVIATIONS:

.....20211,13247,13248,28466,17112,22437,29938,31542,13254,14426,13808, 35193 ,	(T)
.....20390,16287,29333,29053,29334,14428,13263,14365,32879,33164,16264,13267-G	

(Continued)

Advice 4134-G
Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted
Effective
Resolution

August 21, 2019
August 21, 2019

Cal P.U.C. Sheet No.	Title of Sheet	
44787-E	LIST OF CONTRACTS AND DEVIATIONS (Continued) Sheet 39	30666-E
44788-E	ELECTRIC SCHEDULE A-1 SMALL GENERAL SERVICE Sheet 2	41408-E
44789-E	ELECTRIC SCHEDULE A-1 SMALL GENERAL SERVICE Sheet 3	44533-E
44790-E*	ELECTRIC SCHEDULE A-1 SMALL GENERAL SERVICE Sheet 7	40834-E
44791-E*	ELECTRIC SCHEDULE A-10 MEDIUM GENERAL DEMAND-METERED SERVICE Sheet 1	35410-E
44792-E*	ELECTRIC SCHEDULE A-10 MEDIUM GENERAL DEMAND-METERED SERVICE Sheet 3	44537-E
44793-E	ELECTRIC SCHEDULE A-10 MEDIUM GENERAL DEMAND-METERED SERVICE Sheet 7	29081-E
44794-E*	ELECTRIC SCHEDULE A-10 MEDIUM GENERAL DEMAND-METERED SERVICE Sheet 9	40836-E
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44797-E	ELECTRIC SCHEDULE A-6 SMALL GENERAL TIME-OF-USE SERVICE Sheet 3	44545-E
44798-E*	ELECTRIC SCHEDULE A-6 SMALL GENERAL TIME-OF-USE SERVICE Sheet 5	25981-E*
44799-E*	ELECTRIC SCHEDULE A-6 SMALL GENERAL TIME-OF-USE SERVICE Sheet 6	44547-E
44800-E	ELECTRIC SCHEDULE E-19 MEDIUM GENERAL DEMAND-METERED TOU SERVICE Sheet 2	43295-E

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
44801-E	ELECTRIC SCHEDULE E-19 MEDIUM GENERAL DEMAND-METERED TOU SERVICE Sheet 3	43296-E
44802-E	ELECTRIC SCHEDULE E-19 MEDIUM GENERAL DEMAND-METERED TOU SERVICE Sheet 11	35055-E
44803-E	ELECTRIC SCHEDULE E-19 MEDIUM GENERAL DEMAND-METERED TOU SERVICE Sheet 13	35057-E
44804-E*	ELECTRIC SCHEDULE E-19 MEDIUM GENERAL DEMAND-METERED TOU SERVICE Sheet 14	35058-E
44805-E	ELECTRIC SCHEDULE E-19 MEDIUM GENERAL DEMAND-METERED TOU SERVICE Sheet 15	35059-E
44806-E	ELECTRIC SCHEDULE E-19 MEDIUM GENERAL DEMAND-METERED TOU SERVICE Sheet 16	44578-E
44807-E	ELECTRIC SCHEDULE E-19 MEDIUM GENERAL DEMAND-METERED TOU SERVICE Sheet 17	35392-E
44808-E	ELECTRIC SCHEDULE E-19 MEDIUM GENERAL DEMAND-METERED TOU SERVICE Sheet 18	35062-E
44809-E	ELECTRIC SCHEDULE E-19 MEDIUM GENERAL DEMAND-METERED TOU SERVICE Sheet 19	43169-E
44810-E	ELECTRIC SCHEDULE E-19 MEDIUM GENERAL DEMAND-METERED TOU SERVICE Sheet 20	40726-E
44811-E	ELECTRIC SCHEDULE E-19 MEDIUM GENERAL DEMAND-METERED TOU SERVICE Sheet 21	44491-E
44812-E	ELECTRIC SCHEDULE E-19 MEDIUM GENERAL DEMAND-METERED TOU SERVICE Sheet 22	42860-E
44813-E	ELECTRIC SCHEDULE E-19 MEDIUM GENERAL DEMAND-METERED TOU SERVICE Sheet 23	43675-E
44814-E	ELECTRIC SCHEDULE E-19 MEDIUM GENERAL DEMAND-METERED TOU SERVICE Sheet 24	43676-E

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
44815-E	ELECTRIC SCHEDULE E-20 SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS of 1000 KILOWATTS or MORE Sheet 2	42861-E
44816-E	ELECTRIC SCHEDULE E-20 SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS of 1000 KILOWATTS or MORE Sheet 3	44579-E
44817-E	ELECTRIC SCHEDULE E-20 SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS of 1000 KILOWATTS or MORE Sheet 8	35070-E
44818-E	ELECTRIC SCHEDULE E-20 SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS of 1000 KILOWATTS or MORE Sheet 10	35072-E
44819-E	ELECTRIC SCHEDULE E-20 SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS of 1000 KILOWATTS or MORE Sheet 11	44583-E
44820-E	ELECTRIC SCHEDULE E-20 SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS of 1000 KILOWATTS or MORE Sheet 12	35393-E
44821-E	ELECTRIC SCHEDULE E-20 SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS of 1000 KILOWATTS or MORE Sheet 13	43171-E
44822-E	ELECTRIC SCHEDULE E-20 SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS of 1000 KILOWATTS or MORE Sheet 14	40730-E
44823-E	ELECTRIC SCHEDULE E-20 SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS of 1000 KILOWATTS or MORE Sheet 15	44492-E
44824-E	ELECTRIC SCHEDULE E-20 SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS of 1000 KILOWATTS or MORE Sheet 16	42863-E
44825-E	ELECTRIC SCHEDULE E-20 SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS of 1000 KILOWATTS or MORE Sheet 17	43677-E

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
44826-E	ELECTRIC SCHEDULE E-20 SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS of 1000 KILOWATTS or MORE Sheet 18	43678-E
44827-E	ELECTRIC SCHEDULE E-FERA FAMILY ELECTRIC RATE ASSISTANCE Sheet 1	43438-E
44828-E*	ELECTRIC SCHEDULE E-TOU RESIDENTIAL TIME-OF-USE SERVICE Sheet 5	43413-E
44829-E*	ELECTRIC SCHEDULE EDR ECONOMIC DEVELOPMENT RATE Sheet 3	43027-E
44830-E*	ELECTRIC SCHEDULE EL-TOU RESIDENTIAL CARE PROGRAM TIME-OF-USE SERVICE Sheet 5	43418-E
44831-E	ELECTRIC SCHEDULE EV RESIDENTIAL TIME-OF-USE SERVICE FOR PLUG-IN ELECTRIC VEHICLE CUSTOMERS Sheet 1	44226-E
44832-E*	ELECTRIC SCHEDULE S STANDBY SERVICE Sheet 13	40255-E
44833-E*	ELECTRIC RULE NO. 1 DEFINITIONS Sheet 4	41425-E
44834-E	ELECTRIC RULE NO. 1 DEFINITIONS Sheet 5	41426-E
44835-E	ELECTRIC RULE NO. 1 DEFINITIONS Sheet 6	41427-E
44836-E	ELECTRIC RULE NO. 1 DEFINITIONS Sheet 7	41428-E
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44838-E**	ELECTRIC TABLE OF CONTENTS Sheet 1	44785-E
44839-E	ELECTRIC TABLE OF CONTENTS Sheet 2	44680-E

Cal P.U.C. Sheet No.	Title of Sheet	Cancelling Cal P.U.C. Sheet No.
44840-E*	ELECTRIC TABLE OF CONTENTS Sheet 3	44681-E
44841-E**	ELECTRIC TABLE OF CONTENTS Sheet 4	44757-E
44842-E*	ELECTRIC TABLE OF CONTENTS Sheet 6	44684-E
44843-E*	ELECTRIC TABLE OF CONTENTS Sheet 18	44725-E
44844-E	ELECTRIC TABLE OF CONTENTS Sheet 21	43410-E



LIST OF CONTRACTS AND DEVIATIONS
(Continued)

Sheet 39

Name and Location of Customer		Most Comparable Regular Tariff			
PG&E Installation Reference No.	Type or Class of Service	Execution and Expiration Dates	Commission Authorization Number and Date	Schedule or Rule No.	Contract Difference
<u>SACRAMENTO VALLEY REGION</u> (Cont'd.)					
<u>State Agencies</u>					
University of California Davis Campus	Street Lighting	11-23-62 3-8-68*2	G.O.96-A,X.B. 8-20-63	LS-2	Rate for 100-Watt Mercury Vapor Lamp
State of California Dept. of Water Resources Oregon Gulch Butte County	General Service	12-6-62 5-29-68*2	G.O.96-A,X.B. 7-2-63	Rule 15	Monthly Charge For Excess Facilities
State of California Division of Beaches & Parks Folsom Lake Recreation Area El Dorado County	Domestic and General Service	3-10-65 5 Years*2	G.O.96-A,X.B. 6-15-65	Rule 15	Monthly Charge For Excess Facilities
State of California Dept. of Fish & Game Fish Hatchery, Pit 1 P.H. Shasta County	Domestic and General Service	5-8-68 12-31-68	G.O.96-A,X.B. 9-15-70	Rule 15	Monthly Charge For Excess Facilities
SA 4002 State of California Dept. of Parks and Recreation Oroville Reservoir Loafer Creek Butte County	Coml/Ind	12-31-69*2	G.O.96-A,X.B. 5-5-76	Rule 15 Sec. E.7	Monthly Cost of Ownership Charges
State of California California Highway Patrol Mt. Hough, Plumas County	Coml/Ind	9-24-73*2	G.O.96-A,X.B. 3-26-75	Rule 15 Sec. E.7	Monthly Cost of Ownership Charges
University of California - Davis.	Coml	01-31-2019 (one time)	Res. G-3543. 02-04-2019	Form 62-4527	Indemnification (N) (N)
<u>Counties and Cities</u>					
City of Placerville	Coml	11-16-78 5 Years*1	Res. E-1818 1-4-79	Rule 1	Monthly Cost of Ownership Charge
City of Davis and Davis Research Park Associates	Coml/Ind	7-1-81 ---	Res. G-2458 3-2-82	Rule 15.2	Cost of Ownership Charge
City of Red Bluff	Coml	10-7-81 ---	---	Rule 15	Cost of Ownership Charge
Placer County	Coml	2-7-08 (one time)	G.O. 96-B 2-5-08	Form 62-4527	Indemnification

*1 to *4 See last page of Electric Contracts and Deviations Section for explanation of footnotes.

(Continued)

Advice 5622-E
Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted
Effective
Resolution

August 21, 2019
August 21, 2019



**ELECTRIC SCHEDULE A-1
SMALL GENERAL SERVICE**

Sheet 2

APPLICABILITY:
(cont'd.)

Time-of-Use Rates: Decision 10-02-032, as modified by Decision 11-11-008, makes time-of-use (TOU) rates mandatory beginning November 1, 2012, for small and medium C&I customers that have at least twelve (12) billing months of hourly usage data available .

Decision 18-08-013 adopted new TOU periods for all non-residential customer classes. (T)
The Decision also suspends the transition of eligible A-1 customers to mandatory TOU |
rates beginning November 1, 2018 until the rates with new TOU periods, as adopted in |
the same Decision, become mandatory. The rates with new TOU periods are expected |
to become mandatory for small and medium C&I customers in November 2020, |
concurrent with the resumption of customer transitions to mandatory TOU rates. (T)

The transition of eligible customers to mandatory TOU rates will occur once per year with the start of their billing cycle on or after November 1. Eligible customers will have at least 45 days notice prior to their planned transition date. During the 45-day period, customers will continue to take service on their non-TOU rate. Customers may elect any applicable TOU rate. However, if the customer taking service on this schedule has not made that choice at least five (5) days prior to the planned transition date, their service will be changed to the TOU version of this rate schedule on their transition date.

Customers with a SmartMeter™ system installed that can be remotely read by PG&E may also voluntarily elect to enroll on A-1 TOU rates prior to their TOU default dates.

Qualifying customers with solar systems who meet the requirements in Rule 1 Definition of "Behind-the-Meter Solar TOU Period Grandfathering" and the terms of "Behind-the-Meter Solar TOU Period Grandfathering Eligibility Requirements" shall be permitted to maintain their legacy TOU rate periods, until the date ten years after their system received its permission to operate (but in no event beyond December 31, 2027 (for public schools) or July 31, 2027 (for all other qualifying). However, rates for those TOU rate periods will be updated with new rates as authorized in applicable PG&E rate proceedings and advice filings.

* The Rules referred to in this schedule are part of PG&E's electric tariffs. Copies are available at PG&E's local offices and website at <http://www.pge.com/tariffs>

(Continued)

Advice 5622-E
Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted
Effective
Resolution

August 21, 2019
August 21, 2019



**ELECTRIC SCHEDULE A-1
SMALL GENERAL SERVICE**

Sheet 3

TERRITORY: This rate schedule applies everywhere PG&E provides electric service.

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

TOTAL RATES

A. Non-Time-of-Use Rates

Total Customer Charge Rates

Customer Charge Single-phase (\$ per meter per day)	\$0.32854
Customer Charge Poly-phase (\$ per meter per day)	\$0.65708

Total Energy Rates (\$ per kWh)

Summer	\$0.26730
Winter	\$0.20676

B. Time-of-Use Rates

Total Customer Charge Rates

Customer Charge Single-phase (\$ per meter per day)	\$0.32854
Customer Charge Poly-phase (\$ per meter per day)	\$0.65708

Total TOU Energy Rates (\$ per kWh)

Peak Summer	\$0.28192
Part-Peak Summer	\$0.25827
Off-Peak Summer	\$0.23091
Part-Peak Winter	\$0.23767
Off-Peak Winter	\$0.21675

PDP Rates (Consecutive Day and Four-Hour Event Option) *

PDP Charges (\$ per kWh)

All Usage During PDP Event	\$0.60
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PDP Credits

Energy (\$ per kWh)

Peak Summer	(\$0.00925)
Part-Peak Summer	(\$0.00925)
Off-Peak Summer	(\$0.00925)

* See PDP Detail, section g, for corresponding reduction in PDP credits and charges if other option(s) elected.

(Continued)



**ELECTRIC SCHEDULE A-1
SMALL GENERAL SERVICE**

Sheet 7

CONTRACT: For customers who use service for only part of the year, this schedule is available only on annual contract.

SEASONS: The summer rate is applicable May 1 through October 31, and the winter rate is applicable November 1 through April 30. When billing includes use in both the summer and winter periods, charges will be prorated based upon the number of days in each period.

COMMON-AREA ACCOUNTS: Common-area accounts are those accounts that provide electric service to Common Use Areas as defined in Rule 1. Common-area accounts that are separately metered by PG&E and which took electric service from PG&E on or prior to January 16, 2003, had a one-time opportunity to return to a residential rate schedule from April 1, 2004, to May 31, 2004, by notifying PG&E in writing. These accounts remain eligible for service under this rate schedule if the customer did not invoke this first right of return. (L)
(L)
(T)
(T)
(T)

In the event that the CPUC substantially reduces the surcharges or substantially amends any or all of PG&E's commercial or residential rate schedules, the Executive Council of Homeowners (ECHO) can direct PG&E to begin an optional second right-of-return period lasting 105 days. (D)
|
(D)

Newly constructed common-areas that are separately metered by PG&E and which first took electric service from PG&E after January 16, 2003, have a one-time opportunity to transfer to a residential rate schedule during a two-month window that begins 14 months after taking service on a commercial rate schedule. This must be done by notifying PG&E in writing. These common-area accounts have an additional opportunity to return to a residential schedule in the event that ECHO directs PG&E to begin a second right-of-return period.

(L)
(L)

BILLING: A customer's bill is calculated based on the option applicable to the customer.

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, 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. 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.

(Continued)



ELECTRIC SCHEDULE A-10
MEDIUM GENERAL DEMAND-METERED SERVICE

Sheet 1

APPLICABILITY: Schedule A-10 is a demand metered rate schedule for general service customers. Schedule A-10 applies to single-phase and polyphase alternating-current service (for a description of these terms, see Section D of Rule 2*). This schedule is not available to residential or agricultural service for which a residential or agricultural schedule is applicable, except for single-phase and polyphase service in common areas in a multifamily complex (see Common-Area Accounts section).

Under Rate Schedule A-10, there is a limit on the demand (the number of kilowatts (kW)) the customer may require from the PG&E system. If the customer's demand exceeds 499 kW for three consecutive months, the customer's account will be transferred to Schedule E-19 or E-20.

(D)
|
(D)

Effective November 1, 2014, new customers establishing service on Schedule A-10 where a Smart Meter™ is already in place will be charged Schedule A-10 TOU rates.

The provisions of Schedule S—Standby Service Special Conditions 1 through 6 shall also apply to customers whose premises are regularly supplied in part (but not in whole) by electric energy from a nonutility source of supply. These customers will pay monthly reservation charges as specified under Section 1 of Schedule S, in addition to all applicable Schedule A-10 charges. Exemptions to standby charges are outlined in the Standby Applicability Section of this rate schedule.

Transfers Off of Schedule A-10 TOU: Customers are placed on this schedule if they are not eligible for Schedules A-1 or A-6 because their demand exceeded or was expected to exceed 75 kW. Customers who then fail to exceed 75 kilowatts for 12 consecutive months may elect to stay on this schedule.

(T)
|
(T)

Assignment of New Customers: If a customer is new and PG&E believes that the customer's maximum demand will be between 75 through 499 kilowatts and that the customer should not be served under an agricultural or residential rate schedule, PG&E will serve the customer's account under the provisions of time-of-use Rate Schedule A-10.

(T)

* The rules referred to in this schedule are part of PG&E's electric tariffs. Copies are available at PG&E's local offices and on the website at <http://www.pge.com/tariffs>.

(Continued)



ELECTRIC SCHEDULE A-10
MEDIUM GENERAL DEMAND-METERED SERVICE

Sheet 3

APPLICABILITY (CONT'D): Qualifying customers with solar systems who meet the requirements in Rule 1 Definition of "Behind-the-Meter Solar TOU Period Grandfathering" and the terms of "Behind-the-Meter Solar TOU Period Grandfathering Eligibility Requirements" shall be permitted to maintain their legacy TOU rate periods, until the date ten years after their system received its permission to operate (but in no event beyond December 31, 2027 (for public schools) or July 31, 2027 (for all other qualifying)). However, rates for those TOU rate periods will be updated with new rates as authorized in applicable PG&E rate proceedings and advice filings.

RATES: Total bundled service charges are calculated using the total rates shown below. DA and CCA charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing. All customers taking non TOU service under this rate schedule shall be subject to the rates set forth in Table A. All customers taking TOU service under this rate schedule shall be subject to the rates set forth in Table B. (T)

RATES: Standard Non-Time-of-Use Rate

Table A

	TOTAL RATES		
	Secondary Voltage	Primary Voltage	Transmission Voltage
<u>Total Customer/Meter Charge Rates</u>			
Customer Charge (\$ per meter per day)	\$4.59959	\$4.59959	\$4.59959
<u>Total Demand Rates (\$ per kW)</u>			
Summer	\$19.99	\$18.86	\$13.02
Winter	\$11.66	\$11.90	\$9.06
<u>Total Energy Rates (\$ per kWh)</u>			
Summer	\$0.17846	\$0.16672	\$0.13227
Winter	\$0.13770	\$0.13293	\$0.11149

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

(Continued)



ELECTRIC SCHEDULE A-10
MEDIUM GENERAL DEMAND-METERED SERVICE

Sheet 9

COMMON-AREA ACCOUNTS: Common-area accounts are those accounts that provide electric service to Common Use Areas as defined in Rule 1. Common-area accounts that are separately metered by PG&E and which took electric service from PG&E on or prior to January 16, 2003, had a one-time opportunity to return to a residential rate schedule from April 1, 2004, to May 31, 2004, by notifying PG&E in writing. These accounts remain eligible for service under this rate schedule if the customer did not invoke this first right of return. (L)
(L)
(T)
(T)
(T)

In the event that the CPUC substantially amends any or all of PG&E's commercial or residential rate schedules, the Executive Council of Homeowners (ECHO) can direct PG&E to begin an optional second right-of-return period lasting 105 days. (D)
|
(D)

Newly constructed common-areas that are separately metered by PG&E and which first took electric service from PG&E after January 16, 2003, have a one-time opportunity to transfer to a residential rate schedule during a two-month window that begins 14 months after taking service on a commercial rate schedule. This must be done by notifying PG&E in writing. These common-area accounts have an additional opportunity to return to a residential schedule in the event that ECHO directs PG&E to begin a second right-of-return period. (D)
(D)

BILLING: A customer's bill is calculated based on the option applicable to the customer.

Bundled Service Customers receive supply and delivery services solely from PG&E. The customer's bill is based on the total rates and conditions in this schedule.

Transitional Bundled Service Customers take transitional bundled service as prescribed in Rules 22.1 and 23, 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. These customers shall pay charges for transmission, transmission rate adjustments, reliability services, distribution, nuclear decommissioning, public purpose programs, New System Generation Charges, the DA CRS pursuant to Schedule DA CRS and short-term commodity prices as set forth in Schedule TBCC.

(Continued)



ELECTRIC SCHEDULE A-6
SMALL GENERAL TIME-OF-USE SERVICE

Sheet 1

APPLICABILITY: This time-of-use schedule applies to single-phase and polyphase alternating-current service (for a description of these terms, see Section D of Rule 2*). This schedule is not available to residential or agricultural service for which a residential or agricultural schedule is applicable, except for single-phase and polyphase service in common areas in a multifamily complex (see Common-Area Accounts section).

(D)
|
(D)

Effective April 1, 2017, Schedule A-6 is closed to new customers with a maximum demand of 75 kW or greater for three consecutive months in the most recent twelve months, or with usage of 150,000 kWh per year or greater, and who have at least twelve (12) months of hourly usage data available. For new customers on or after April 1, 2017, eligibility for A-6 will be reviewed annually and migration of ineligible customers will be implemented once per year, on bill cycles each November, using the same procedures described in Schedule A-1 for Time-of-Use (TOU) rates adopted in Decision 10-02-032 as modified by Decision 11-11-008. Any customer with a maximum demand of 75 kW or greater, or with usage of 150,000 kWh per year or greater, who sends PG&E a letter (via certified mail with a return receipt to establish a delivery record date on or before March 31, 2017) requesting a rate change pursuant to Electric Rule 12, shall be allowed to take service on Schedule A-6.

Depending upon whether or not a Time-Of-Use Installation or Time-Of-Use Processing charge applied prior to May 1, 2006, the customer will be served under one of these rates under Schedule A-6:

Rate W: Applies to customers who were on Rate W as of May 1, 2006.

Rate X: Applies to customers who were on Rate X as of May 1, 2006 or who enroll on A-6 on or after May 1, 2006.

A-6: Applies to customers who were on A-6 as of May 1, 2006.

Peak Day Pricing Default Rates: Peak Day Pricing (PDP) rates provide customers the opportunity to manage their electric costs by reducing load during high cost periods or shifting load from high cost periods to lower cost periods. Decision 10-02-032, as modified by Decision 11-11-008, ordered that beginning November 1, 2014, eligible small and medium Commercial and Industrial (C&I) customers (those with demands that are not equal or greater than 200kW for three consecutive months) default to PDP rates. A customer is eligible for default when it has at least twelve (12) billing months of hourly usage data available and two years of experience on TOU rates. All eligible customers will be placed on PDP rates unless they opt-out to a TOU rate. Customers with a SmartMeter™ system, or interval meter, installed that can be remotely read by PG&E may also voluntarily elect to enroll on PDP rates prior to their default dates.

* The Rules referred to in this schedule are part of PG&E's electric tariffs. Copies are available at PG&E's local offices and website at <http://www.pge.com/tariffs>.

(Continued)



ELECTRIC SCHEDULE A-6
SMALL GENERAL TIME-OF-USE SERVICE

Sheet 3

TERRITORY: This rate schedule applies everywhere PG&E provides electric service.

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

TOTAL RATES

Total Customer/Meter Charge Rates

Customer Charge Single-phase (\$ per meter per day)	\$0.32854
Customer Charge Poly-phase (\$ per meter per day)	\$0.65708
Meter Charge (A-6) (\$ per meter per day)	\$0.20107
Meter Charge (W) (\$ per meter per day)	\$0.05914
Meter Charge (X) (\$ per meter per day)	\$0.20107

Total Energy Rates (\$ per kWh)

Peak Summer	\$0.58205
Part-Peak Summer	\$0.28522
Off-Peak Summer	\$0.21363
Part-Peak Winter	\$0.22870
Off-Peak Winter	\$0.21045

PDP Rates (Consecutive Day and Four-Hour Event Option) *

PDP Charges (\$ per kWh)

All Usage During PDP Event	\$1.20
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PDP Credits

Energy (\$ per kWh)

Peak Summer	(\$0.16735)
Part-Peak Summer	(\$0.03347)

* See PDP Details, section g, for corresponding reduction in PDP credits and charges if other option(s) elected.

(Continued)



ELECTRIC SCHEDULE A-6
SMALL GENERAL TIME-OF-USE SERVICE

Sheet 5

TIME PERIODS: Times of the year and times of the day are defined as follows:

SUMMER (Service from May 1 through October 31):

Peak: 12:00 noon to 6:00 p.m. Monday through Friday (except holidays)

Partial-peak: 8:30 a.m. to 12:00 noon Monday through Friday (except holidays)
AND 6:00 p.m. to 9:30 p.m.

Off-peak: 9:30 p.m. to 8:30 a.m. Monday through Friday
All day Saturday, Sunday, and holidays

WINTER (Service from November 1 through April 30):

Partial-Peak: 8:30 a.m. to 9:30 p.m. Monday through Friday (except holidays)

Off-Peak: 9:30 p.m. to 8:30 a.m. Monday through Friday (except holidays)
All day Saturday, Sunday, and holidays

Holidays: "Holidays" for the purposes of this rate schedule are New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, and Christmas Day. The dates will be those on which the holidays are legally observed.

DAYLIGHT SAVING TIME ADJUSTMENT: The time periods shown above will begin and end one hour later for the period between the second Sunday in March and the first Sunday in April, and for the period between the last Sunday in October and the first Sunday in November.

CONTRACT: For customers who use service for only part of the year, this schedule is available only on annual contract.

SEASONS: The summer rate is applicable May 1 through October 31, and the winter rate is applicable November 1 through April 30. When billing includes use in both the summer and winter periods, charges will be prorated based upon the number of days in each period, unless actual meter readings are available.

COMMON-AREA ACCOUNTS: Common-area accounts are those accounts that provide electric service to Common Use Areas as defined in Rule 1. Common-area accounts that are separately metered by PG&E and which took electric service from PG&E on or prior to January 16, 2003, had a one-time opportunity to return to a residential rate schedule from April 1, 2004, to May 31, 2004, by notifying PG&E in writing. These accounts remain eligible for service under this rate schedule if the customer did not invoke this first right of return. (L)
(L)
(T)
(T)
(T)

In the event that the CPUC substantially reduces the surcharges or substantially amends any or all of PG&E's commercial or residential rate schedules, the Executive Council of Homeowners (ECHO) can direct PG&E to begin an optional second right-of-return period lasting 105 days. (D)
|
(D)

Newly constructed Common-areas that are separately metered by PG&E and which first took electric service from PG&E after January 16, 2003, have a one-time opportunity to transfer to a residential rate schedule during a two-month window that begins 14 months after taking service on a commercial rate schedule. This must be done by notifying PG&E in writing. These common-area accounts have an additional opportunity to return to a residential schedule in the event that ECHO directs PG&E to begin a second right-of-return period.

(Continued)



ELECTRIC SCHEDULE A-6
SMALL GENERAL TIME-OF-USE SERVICE

Sheet 6

(D)
(D)
(L)
(L)

BILLING: A customer's bill is calculated based on the option applicable to the customer.

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 Charges¹, 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.

	<u>DA /CCA CRS</u>
Energy Cost Recovery Amount Charge (per kWh)	(\$0.00057)
DWR Bond Charge (per kWh)	\$0.00503
CTC Charge (per kWh)	\$0.00107
Power Charge Indifference Adjustment (per kWh)	
2009 Vintage	\$0.02131
2010 Vintage	\$0.02465
2011 Vintage	\$0.02564
2012 Vintage	\$0.02677
2013 Vintage	\$0.02696
2014 Vintage	\$0.02699
2015 Vintage	\$0.02705
2016 Vintage	\$0.02693
2017 Vintage	\$0.02699
2018 Vintage	\$0.02706
2019 Vintage	\$0.02905

CARE DISCOUNT: Nonprofit Group-Living Facilities which meet the eligibility criteria in Rule 19.2 or 19.3 are eligible for a California Alternate Rates for Energy discount under Schedule E-CARE. CARE customers are exempt from the DWR Bond Charge. For CARE customers, no portion of the rates shall be used to pay the DWR bond charge. Generation is calculated residually based on the total rate less the sum of the following: Transmission, Transmission Rate Adjustments, Reliability Services, Distribution, Public Purpose Programs, Nuclear Decommissioning, New System Generation Charges, Competition Transition Charges (CTC), and Energy Cost Recovery Amount.

(Continued)



ELECTRIC SCHEDULE E-19

Sheet 2

MEDIUM GENERAL DEMAND-METERED TOU SERVICE

1. APPLICABILITY:
(Cont'd.)

Transfers Off of Schedule E-19: If a customer's maximum demand has failed to exceed 499 kilowatts for 12 consecutive months, PG&E will transfer that customer's account to voluntary E-19 service or to a different applicable rate schedule.

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Assignment of New Customers: If a customer is new and PG&E believes that the customer's maximum demand will be 500 through 999 kilowatts and that the customer should not be served under a time-of-use agricultural schedule, PG&E will serve the customer's account under Schedule E-19.

Peak Day Pricing Default Rates: Peak Day Pricing (PDP) rates provide customers the opportunity to manage their electric costs by reducing load during high cost periods or shifting load from high cost periods to lower cost periods. Decision 10-02-032 ordered that beginning May 1, 2010, eligible large Commercial and Industrial (C&I) customers default to PDP rates. A customer is eligible for default when 1) it has at least twelve (12) billing months of hourly usage data available, and 2) it has measured demands equal to or exceeding 200 kW for three (3) consecutive months during the past 12 months. All eligible customers will be placed on PDP rates unless they opt-out to a TOU rate

Decision 10-02-032, as modified by Decision 11-11-008, ordered that beginning November 1, 2014, eligible small and medium Commercial and Industrial (C&I) customers (those with demands that are not equal to or greater than 200kW for three consecutive months) default to PDP rates. A customer is eligible for default when it has at least twelve (12) billing months of hourly usage data available and two years of experience on TOU rates. All eligible customers will be placed on PDP rates unless they opt-out to a TOU rate.

Customers that do not meet default eligibility may voluntarily elect to enroll on PDP rates.

Bundled service customers are eligible for PDP. Direct Access (DA) and Community Choice Aggregation (CCA) service customers are not eligible, including those DA customers on transitional bundled service (TBS). Customers on standby service (Schedule S), or on net-energy metering Schedules NEMFC, NEMBIO, NEMCCSF, or NEMA, are not eligible for PDP. In addition, master-metered customers are not eligible, except for commercial buildings with submetering as stated in PG&E Rule 1 and Rule 18. Non-residential SmartAC customers are eligible. Smart A/C customers may request PG&E to activate their A/C Cycling switch or Programmable Controllable Thermostat (PCT) when the customer is participating solely in a PDP event.

Decision 18-08-013 temporarily suspends the default of eligible E-19 customers to PDP beginning November 1, 2018.

For additional PDP details and program specifics, see Section 19.

(Continued)



ELECTRIC SCHEDULE E-19

Sheet 3

MEDIUM GENERAL DEMAND-METERED TOU SERVICE

1. APPLICABILITY:
(Cont'd.)

Definition of Maximum Demand: Demand will be averaged over 15-minute intervals for customers whose maximum demand exceeds 499 kW. "Maximum demand" will be the highest of all the 15-minute averages for the billing month. If the customer's use of electricity is intermittent or subject to severe fluctuations, a 5-minute interval may be used. If the customer has any welding machines, the diversified resistance welder load, calculated in accordance with Section J of Rule 2, will be considered the maximum demand if it exceeds the maximum demand that results from averaging the demand over 15-minute intervals. The customer's maximum-peak-period demand will be the highest of all the 15-minute averages for the peak period during the billing month. (See Section 6 for a definition of "Peak-Period.") See Section 14 for the definition of maximum demand for customers voluntarily selecting E-19.

Option R for Solar: The Option R rate is available to qualifying customers taking Bundled, DA or CCA service under Schedule E-19, or voluntary E-19. Eligible customers must have solar photovoltaic (PV) systems that provide 15% or more of their annual electricity usage. For additional Option R details and program specifics, see Sections 3 and 20.

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Standby Demand: For customers for whom Schedule S—Standby Service Special Conditions 1 through 6 apply, standby demand is the portion of a customer's maximum demand in any month caused by nonoperation of the customer's alternate source of power, and for which a demand charge is paid under the regular service schedule.

If the customer imposes standby demand in any month, then the regular service maximum demand charge will be reduced by the applicable reservation capacity charge (see Schedule S Special Condition 1).

To qualify for the above reduction in the maximum demand charge, the customer must, within 30 days of the regular meter-read date, demonstrate to the satisfaction of PG&E the amount of standby demand in any month. This may be done by submitting to PG&E a completed Electric Standby Service Log Sheet (Form 79-726).

2. TERRITORY:

This rate schedule applies everywhere PG&E provides electricity service.

3. RATES:

Total bundled service charges are calculated using the total rates shown below. DA and CCA charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing.

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(Continued)



ELECTRIC SCHEDULE E-19

Sheet 11

MEDIUM GENERAL DEMAND-METERED TOU SERVICE

4. METERING REQUIREMENTS:

An interval data meter that measures and registers the amount of electricity a customer uses and can be read remotely by PG&E is required for all customers on this schedule.

For customers taking service under the provisions of Direct Access, see Electric Rule 22 for metering requirements.

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5. DEFINITION OF SERVICE VOLTAGE:

The following defines the three voltage classes of Schedule E-19 rates. Standard Service Voltages are listed in Rule 2, Section B.1.

- a. Secondary: This is the voltage class if the service voltage is less than 2,400 volts or if the definitions of "primary" and "transmission" do not apply to the service.
- b. Primary: This is the voltage class if the customer is served from a "single customer substation" or without transformation from PG&E's serving distribution system at one of the standard primary voltages specified in PG&E's Electric Rule 2, Section B.1.
- c. Transmission: This is the voltage class if the customer is served without transformation from PG&E's serving transmission system at one of the standard transmission voltages specified in PG&E's Rule 2, Section B.1.

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(Continued)



ELECTRIC SCHEDULE E-19

Sheet 13

MEDIUM GENERAL DEMAND-METERED TOU SERVICE

8. CHARGES FOR TRANS-FORMER AND LINE LOSSES: The demand and energy meter readings used in determining the charges will be adjusted to correct for transformation and line losses in accordance with Section B.4 of Rule 2.

9. STANDARD SERVICE FACILITIES: If PG&E must install any new or additional facilities to provide the customer with service under this schedule the customer may have to pay some of the cost. Any advance necessary and any monthly charge for the facilities will be specified in a line extension agreement. See Rules 2, 15, and 16 for details. This section does not apply to customers voluntarily taking service under Schedule E-19.

Facilities installed to serve the customer may be removed when service is discontinued. The customer will then have to repay PG&E for all or some of its investment in the facilities. Terms and conditions for repayment will be set forth in the line extension agreement.

10. SPECIAL FACILITIES: PG&E will normally install only those standard facilities it deems necessary to provide service under this schedule. If the customer requests any additional facilities, those facilities will be treated as "special facilities" in accordance with Section I of Rule 2.

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ELECTRIC SCHEDULE E-19

Sheet 14

MEDIUM GENERAL DEMAND-METERED TOU SERVICE

11. COMMON-AREA ACCOUNTS: Common-area accounts are those accounts that provide electric service to Common Use Areas as defined in Rule 1. Common-area accounts that are separately metered by PG&E and which took electric service from PG&E on or prior to January 16, 2003, had a one-time opportunity to return to a residential rate schedule from April 1, 2004 to May 31, 2004, by notifying PG&E in writing. These accounts remain eligible for service under this rate schedule if the customer did not invoke this first right of return.

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In the event that the CPUC substantially amends any or all of PG&E's commercial or residential rate schedules, the Executive Council of Homeowners (ECHO) can direct PG&E to begin an optional second right-of-return period lasting 105 days.

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Newly constructed common-areas that are separately metered by PG&E and which first took electric service from PG&E after January 16, 2003, have a one-time opportunity to transfer to a residential rate schedule during a two-month window that begins 14 months after taking service on a commercial rate schedule. This must be done by notifying PG&E in writing. These common-area accounts have an additional opportunity to return to a residential schedule in the event that ECHO directs PG&E to begin a second right-of-return period.

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(Continued)



ELECTRIC SCHEDULE E-19

Sheet 15

MEDIUM GENERAL DEMAND-METERED TOU SERVICE

- 12. VOLUNTARY SERVICE PROVISIONS: Customers voluntarily taking service on Schedule E-19 (see Applicability Section) shall be governed by all the terms and conditions shown in Sections 1 through 12, unless different terms and conditions are shown below. (T)
 - a. DEFINITION OF MAXIMUM DEMAND: Demand will be averaged over 15-minute intervals except, in special cases. "Maximum demand" will be the highest of all 15-minute averages for the billing month.

SPECIAL CASES: (1) If the customer's use of energy is intermittent or subject to severe fluctuations, a 5-minute interval may be used; and (2) If the customer uses welders, the demand charge will be subject to the minimum demand charges for those welders' ratings, as explained in Section J of Rule 2.
 - b. REDUCED CUSTOMER CHARGE: The reduced customer charge will be assessed only if the customer is taking service under this schedule on a voluntary basis or if the customer's maximum billing demand has not exceeded 499 kW for 12 or more consecutive months.
 - c. SERVICE CONTRACTS: This rate schedule will remain in effect for at least twelve consecutive months before another schedule change is made, unless the customer's maximum demand has exceeded 499 kW for three consecutive months.

- 13. BILLING: A customer's bill is calculated based on the option applicable to the customer. (T)

(Continued)

Advice Decision 5622-E

Issued by **Robert S. Kenney**
Vice President, Regulatory Affairs

Submitted August 21, 2019
Effective August 21, 2019
Resolution



ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 16

- 13. BILLING: **Bundled Service Customers** receive supply and delivery services solely from PG&E. (T)
(Cont'd.) 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.

	<u>DA / CCA CRS</u>
Energy Cost Recovery Amount Charge (per kWh)	(\$0.00057)
DWR Bond Charge (per kWh)	\$0.00503
CTC Charge (per kWh)	\$0.00104
Power Charge Indifference Adjustment (per kWh)	
2009 Vintage	\$0.02105
2010 Vintage	\$0.02429
2011 Vintage	\$0.02525
2012 Vintage	\$0.02633
2013 Vintage	\$0.02652
2014 Vintage	\$0.02654
2015 Vintage	\$0.02659
2016 Vintage	\$0.02647
2017 Vintage	\$0.02653
2018 Vintage	\$0.02660
2019 Vintage	\$0.02830

- 14. CARE DISCOUNT FOR NONPROFIT GROUP-LIVING AND SPECIAL EMPLOYEE HOUSING FACILITIES: Facilities which meet the eligibility criteria in Rule 19.2 or 19.3 are eligible for a California Alternate Rates for Energy discount under Schedule E-CARE. CARE customers are exempt from paying the DWR Bond Charge rate component. For CARE customers, no portion of the rates shall be used to pay the DWR bond charge. Generation is calculated residually based on the total rate less the sum of the following: Transmission, Transmission Rate Adjustments, Reliability Services, Distribution, Public Purpose Programs, Nuclear Decommissioning, New System Generation Charges¹, Competition Transition Charges (CTC), and Energy Cost Recovery Amount. (T)

(Continued)



ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 18

16. STANDBY APPLICABILITY: SOLAR GENERATION FACILITIES EXEMPTION: Customers who utilize solar generating facilities which are less than or equal to one megawatt to serve load and who do not sell power or make more than incidental export of power into PG&E's power grid and who have not elected service under Schedule NEM, will be exempt from paying the otherwise applicable standby reservation charges. (T)

DISTRIBUTED ENERGY RESOURCES EXEMPTION: Any customer under a time-of-use (TOU) rate schedule using electric generation technology that meets the criteria as defined in Electric Rule 1 for Distributed Energy Resources is exempt from the otherwise applicable standby reservation charges. Customers qualifying for this exemption shall be subject to the following requirements. Customers qualifying for an exemption from standby charges under Public Utilities (PU) Code Sections 353.1 and 353.3, as described above, must take service on a TOU schedule in order to receive this exemption until a real-time pricing program, as described in PU Code 353.3, is made available. Once available, customers qualifying for the standby charge exemption must participate in the real-time program referred to above. Qualification for and receipt of this distributed energy resources exemption does not exempt the customer from metering charges applicable to TOU and real-time pricing, or exempt the customer from reasonable interconnection charges, non-bypassable charges as required in Preliminary Statement BB - *Competition Transition Charge Responsibility for All Customers and CTC Procurement*, or obligations determined by the Commission to result from participation in the purchase of power through the California Department of Water Resources, as provided in PU Code Section 353.7.

17. DWR BOND CHARGE: The Department of Water Resources (DWR) Bond Charge was imposed by California Public Utilities Commission Decision 02-10-063, as modified by Decision 02-12-082, and is property of DWR for all purposes under California law. The Bond Charge applies to all retail sales, excluding CARE and Medical Baseline sales. The DWR Bond Charge (where applicable) is included in customers' total billed amounts. (T)

(Continued)



ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 19

- 18. PEAK DAY PRICING DETAILS: a. Default Provision: Decision 18-08-013 adopted new TOU periods for all non-residential customer classes. The Decision also suspends the default of eligible E-19 customers to PDP beginning November 1, 2018 until rates with new TOU periods, as adopted in the same Decision, become mandatory. The rates with new TOU periods are expected to become mandatory for medium and large C&I customers in November 2020, concurrent with the resumption of the default of eligible customers to PDP. (T)

The default of eligible customers to PDP will occur once per year with the start of their billing cycle on or after November 1. Eligible customers will have at least 45-days notice prior to their planned default date when they may opt-out of PDP rates to take service on TOU rates. During the 45-day period, customers will continue to take service on their non-PDP rate. Customers may elect any applicable PDP rate. However, if the customers taking service on this schedule have not made that choice or elected to opt-out to a TOU rate at least five (5) days before their proposed default date, their service will be defaulted to the PDP version of this rate schedule on their default date. Existing customers on a PDP rate eligible demand response program will have the option to enroll.

Bundled service Net Energy Metering (NEM) customers taking service on Schedule NEM, NEMV, NEMVMASH, NEM2, NEM2V, or NEM2VMASH are eligible for default and opt-in PDP. NEM customers on NEMBIO, NEMFC, NEMCCSF, and NEMA are not eligible for PDP. The NEM Annual True-Up billing date, and the first year PDP Bill Stabilization date in 19.c, may be independent 12 month periods. After the first year on PDP, NEM credits can offset PDP charges. All PDP billing for NEM customers will be based on net usage during each 15-minute interval. Net positive usage above the CRL, as well as net exports in excess of the CRL, in each 15-minute interval will be subject to PDP credits and charges as applicable.

- b. Capacity Reservation Level: Customers may elect a capacity reservation level (CRL) and pay for a fixed level of capacity, specified in kW. While the CRL is applicable year round, customers electing a CRL will be billed on a take-or-pay basis up to the specified CRL under the non-PDP rate of this schedule during the summer period (May 1 through October 31). This means that customers will be billed for summer peak generation demand charges up to the level of their CRL, even in summer months when the actual demand might be less than their CRL. Customers will receive PDP credits on summer usage above the CRL on all summer-period days. All usage during a PDP event protected under the CRL will be billed at the non-PDP rate. All usage above the CRL (as measured in 15-minute intervals), and not protected during a PDP event, will be billed at the PDP rate.

If a customer fails to elect an initial CRL, the customer's initial CRL will be set at 50% of its most recent six (6) summer months' average peak-period maximum demand and may go back to the previous year to make a full summer season (if available). If the customer has not established any historic summer billing demand, the CRL will be set at zero (0). The CRL for all customers, including NEM customers, must be greater than or equal to zero (0).

A customer may only elect to change their CRL once every 12 months.

(Continued)



ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 20

18. PEAK DAY PRICING DETAILS: (cont.)

c. Bill Stabilization: PDP customers will be offered bill stabilization for the initial twelve (12) months unless they opt-out during their initial 45-day period. Bill stabilization ensures that during the initial 12 months under PDP, the customer will not pay more than it would have had it opted-out to the applicable TOU rate.

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If a customer terminates its participation on the PDP rate prior to the initial 12 month period expiring, the customer will receive bill stabilization up to the date when the customer terminates its participation. Bill stabilization benefits will be computed on a cumulative basis, based on the earlier of 1) when a customer terminates its participation on the PDP rate or 2) at the end of the initial 12-month period. Any applicable credits will be applied to the customer's account on a subsequent regular bill. Bill stabilization is only available one time per customer. If a customer un-enrolls or terminates its participation on a PDP rate, bill stabilization will not be offered again.

d. Notification Equipment: Customers, at their expense, must have access to the Internet and an e-mail address or a phone number to receive notification of a PDP event. In addition, all customers can have, at their expense, an alphanumeric pager or cellular telephone that is capable of receiving a text message sent via the Internet, and/or a facsimile machine to receive notification messages.

If a PDP event occurs, customers will be notified using one or more of the above-mentioned systems. Receipt of such notice is the responsibility of the participating customer. PG&E will make reasonable efforts to notify customers, however it is the customer's responsibility to maintain accurate notification contact information, receive such notice and to check the PG&E website to see if an event is activated. PG&E does not guarantee the reliability of the phone, text messaging, e-mail system or Internet site by which the customer receives notification.

PG&E may conduct notification test events once a month to ensure a customer's contact information is up-to-date. These are not actual PDP events and no load reduction is required.

e. Demand Response Operations Website: Customers with demands of 200 kW or greater for three consecutive months can use PG&E's demand response operations website located at <https://inter-act.pge.com> for load curtailment event notifications and communications.

The customer's actual energy usage is available at PG&E's demand response operations website or on "My Account". This data may not match billing quality data, and the customer understands and agrees that the data posted to PG&E's demand response operations website or on "My Account" may be different from the actual bill.

f. Program Operations: A maximum of fifteen (15) PDP events and a minimum of nine (9) PDP events may be called in any calendar year. PG&E will notify customers by 2:00 p.m. on a day-ahead basis when a PDP event will occur the next day. The PDP program will operate year-round and PDP events may be called for any day of the week. PDP events will be called from 2:00 p.m. to 6:00 p.m.

g. Event Cancellation: PG&E may initiate the cancellation of a PDP event before 4:00 p.m. the day-ahead of a noticed PDP event. If PG&E cancels an event, it will count the cancelled event toward the PDP limits.

(Continued)



ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 21

- 18. PEAK DAY PRICING DETAILS: (cont.)
 - h. Event Trigger: PG&E will trigger a PDP event when the day-ahead temperature forecast trigger is reached. The trigger will be the average of the day-ahead maximum temperature forecasts for San Jose, Concord, Red Bluff, Sacramento and Fresno. (T)

Beginning May 1 of each summer season, the PDP events on non-holiday weekdays will be triggered at 98 degrees Fahrenheit (°F), and will be triggered at 105°F on holidays and weekends. If needed, PG&E will adjust the non-holiday weekday trigger up or down over the course of the summer to achieve the range of 9 to 15 PDP events in any calendar year. Such adjustments would be made no more than twice per month and would be posted to the demand response operations website or on PG&E's PDP website.

PDP events may also be initiated as warranted on a day-ahead basis by 1) extreme system conditions such as special alerts issued by the California Independent System Operator, 2) under conditions of high forecasted California spot market power prices, 3) to meet annual PDP event limits for a calendar year, or 4) for testing/evaluation purposes.

- i. Program Terms: A customer may opt-out anytime during their initial 12 months on a PDP rate. After the initial 12 months, customer's participation will be in accordance with Electric Rule 12.

Customers may opt-out of a PDP rate at anytime to enroll in another demand response program beginning May 1, 2011.

- j. Interaction with Other PG&E Demand Response Programs: Pursuant to D.18-11-029, customers on a PDP rate may no longer participate in another demand response program offered by PG&E or a third-party demand response provider as of October 26, 2018. If dual enrolled in BIP and PDP prior to October 26, 2018 then participation will be capped at the customer's subscribed megawatt level as of December 10, 2018. New dual enrollment in BIP and PDP as of October 26, 2018 is no longer available. If a NEM customer is on PDP, the customer cannot participate in a third party Demand Response program unless it ceases to be a PDP customer. If a third party signs a NEM customer up under Rule 24 at the CAISO, the customer is automatically removed from PDP.



ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 22

19. Option R The Option R rate is available to qualifying customers with PV systems that provide 15% or more of their annual electricity usage¹ as described below. No Benefitting* or Aggregated* account is eligible for Option R unless there is PV interconnected at that account that independently meets the requirements of Option R. i.e., the PV interconnected on that account meets 15% of the load at that account. (T)

Customers:

- a) Installing a new PV system with no existing generation or with existing non-PV generation; or
- b) With existing PV and non-PV generation (as an existing NEMMT)

Must meet the following eligibility requirement:

$$\frac{\text{Annual PV system output}_2}{\text{Annual electricity usage}_1} \geq 15\%$$

Customers:

- a) With an existing PV system, that are installing new PV system
- b) Adding new solar to existing PV and Non-PV generation

Must meet the following eligibility requirement:

$$\frac{\text{Annual PV system (new + existing) output}_2}{\text{Annual PV system (new + existing) output}_2 + \text{Annual electricity usage}_1} \geq 15\%$$

* Benefitting and Aggregated accounts are defined in rate schedules that allows for such accounts for example, NEM2, RES-BCT and other tariffs.

¹ Annual electricity usage (kWh): for customers with no generation will be the most recent usage over twelve billing periods, and for customers with existing generation it will be the net of imports and exports (if any, for all generators), measured at the PG&E meter over the most recent 12 billing periods. In cases where the most recent 12-month usage is not available PG&E will offer an alternate method.

² Annual PV system Output (kWh) = CEC_{AC} rating of the panels (kW) * 8760 hours/year * 18% capacity factor where:

$$\text{CEC}_{AC} \text{ Rating of the panels (kW)} = \frac{(\text{Quantity of PV Modules (W)} \times \text{PTC Rating of PV Modules} \times \text{CEC Inverter Efficiency Rating})}{1000}$$

Where the PTC and CEC inverter Efficiency Rating can be found at:

The PTC rating can be found here:

http://www.gosolarcalifornia.ca.gov/equipment/documents/PV_Module_List_Simplified_Data.xlsx

and the CEC inverter efficiency rating here:

http://www.gosolarcalifornia.ca.gov/equipment/documents/Inverter_List_Simplified_Data.xlsx

The above Annual PV System Output formula can be modified based on the following alternatives:

- a) For customers with existing PV system, the customer may choose to supply PG&E with reliable metered data measuring Annual PV system Output, if such data is available.
- b) Customers with trackers can use the alternate capacity factors of:

Have single axis	21%
Have dual axis	24%

(Continued)



ELECTRIC SCHEDULE E-19

Sheet 23

MEDIUM GENERAL DEMAND-METERED TOU SERVICE

20. OPTIMAL BILLING PERIOD SERVICE: The Optimal Billing Period (OBP) service is a voluntary program available to bundled, direct access and community choice aggregation customers taking service on Schedule AG-5 (C) and (F) rates, Schedule E-19 or Schedule E-20. To qualify, a meter must have registered a demand of 500 kW or greater at least once during the most recent 12 months. The OBP service is limited to 50 service accounts with interval billed meters. (T)

Customers electing this service must complete the "Optimal Billing Period Service Election Form" (Form 79-1111).

Decision 18-08-013 expanded the eligibility of OBP to Schedule E-19 (above 500 kW as defined above), Schedule E-20, and to direct access and community choice aggregation customers taking service on eligible schedules. Decision 18-08-013 retained the participation cap of 50 positions, and reserved 36 positions for agricultural accounts, and 14 positions for commercial and industrial accounts. Before declining participation of any otherwise eligible account based on these participation limits, PG&E will verify that all other enrolled accounts are still eligible for the program.

Customers on net energy metering Schedules VNEM, NEMBIO, NEMFC, NEMCCSF, NEMA or RES-BCT are not eligible for OBP service.

The OBP service allows a billing cycle(s) to coincide with the customer's high seasonal production cycle. The customer designates the OBP by selecting one or both of the following:

- a) a specific month and day for the start of the OBP; and/or
- b) a specific month and day for the end of the OBP.

PG&E will use the customer's usage from the preceding twelve (12) billing months to determine eligibility for the OBP service. To qualify, the average of the previous high season monthly maximum demand must be at least double the average of the low season monthly maximum demand. The customer must also specify which six consecutive months will be their high season optimal billing period.

The start and end dates must fall within the customer's high seasonal production cycle. In no event shall any revised billing period exceed forty-five (45) days or be less than fifteen (15) days. To qualify for this option, the customer must designate an OBP of not more than six (6) months in duration.

To designate the specific date for the start or end of the OBP, a participating customer must email PG&E at least seventy-two (72) hours in advance and such email shall state in its subject line "OBP Notification." The designation may not be implemented if it is not received or if it does not contain the specified information.

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ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 24

20. OPTIMAL BILLING PERIOD SERVICE: (Cont'd.) Prior to receiving OBP service, the customer must pay an annual OBP fee of \$160.00 per meter. In order to retain the OBP service option in each subsequent year, the annual participation fee must be received by PG&E by the anniversary date of the contract. PG&E will bill the annual OBP fee upon the anniversary date of the contract unless the customer terminates the contract. For billing purposes, the annual participation fee shall be assigned to Distribution. (T)

A. No Retroactive Application

No customer shall be entitled to a refund associated with the OBP service for costs that might have been avoided had the service been available at an earlier point in time.

B. Customer Notification to PG&E

A customer must have at least 12 months of usage on a specific meter before the OBP service can be received on that particular meter. Also, a customer must provide notice to PG&E of their intention to obtain OBP service at least ninety (90) days before the start of the program.



ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

Sheet 2

1. APPLICABILITY:
(Cont'd.)

Definition of Maximum Demand: Demand will be averaged over 15-minute intervals. "Maximum demand" will be the highest of all the 15-minute averages for the billing month. If the customer's use of electricity is intermittent or subject to severe fluctuations, a 5-minute interval may be used. If the customer has any welding machines, the diversified resistance welder load, calculated in accordance with Section J of Rule 2, will be considered the maximum demand if it exceeds the maximum demand that results from averaging the demand over 15-minute intervals. The customer's maximum-peak-period demand will be the highest of all the 15-minute averages for the peak period during the billing month. (See Section 6 for a definition of "Peak-Period.")

Standby Demand: For customers for whom Schedule S—Standby Service Special Conditions 1 through 6 apply, standby demand is the portion of a customer's maximum demand in any month caused by nonoperation of the customer's alternate source of power, and for which a demand charge is paid under the regular service schedule.

If the customer imposes standby demand in any month, then the regular service maximum demand charge will be reduced by the applicable reservation capacity charge (see Schedule S Special Condition 1).

To qualify for the above reduction in the maximum demand charge, the customer must, within 30 days of the regular meter read date, demonstrate to the satisfaction of PG&E the amount of standby demand in any month. This may be done by submitting to PG&E a completed Electric Standby Service Long Sheet (Form 79-726).

Fuel Cell Generation Demand Adjustment: A customer who installs a fuel cell electric generation facility may be eligible to receive a Generation Demand Adjustment. A customer will qualify for a Generation Demand Adjustment if both of the following conditions are met: (1) the customer's fuel cell electric generation facility was installed (and approved for interconnection by PG&E); and (2) the electric generation facility reduces the customer's maximum demand to the point that the customer would no longer be eligible for service under this schedule. The Generation Demand Adjustment will be the fixed reduction in demand as determined by PG&E from the customer's interconnection agreement, and will be added to the customer's maximum demand for the sole purpose of determining the customer's eligibility for Schedule E-20. (D)
(D)

The Generation Demand Adjustment does not specifically guarantee the customer's continued eligibility for service under this schedule nor will it be applied to the customer's maximum demand for purposes of calculating the monthly maximum demand charge.

Option R for Solar: The Option R rate is available to qualifying customers taking Bundled, DA and CCA service under Schedule E-20. Eligible customers must have solar photovoltaic (PV) systems that provide 15% or more of their annual electricity usage. For additional Option R details and program specifics, see Sections 3 and 18. (T)
|
(T)

2. TERRITORY: Schedule E-20 applies everywhere PG&E provides electric service.

(Continued)



ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS of 1000 KILOWATTS or MORE

Sheet 3

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

TOTAL RATES

	Secondary Voltage	Primary Voltage	Transmission Voltage
<u>Total Customer/Meter Charge Rates</u>			
Customer Charge Mandatory E-20 (\$ per meter per day)	\$39.42505	\$49.28131	\$65.70842
<u>Total Demand Rates (\$ per kW)</u>			
Maximum Peak Demand Summer	\$20.50	\$21.99	\$18.81
Maximum Part-Peak Demand Summer	\$5.63	\$5.81	\$4.48
Maximum Demand Summer	\$19.24	\$16.91	\$9.68
Maximum Part-Peak Demand Winter	\$0.05	\$0.13	\$0.00
Maximum Demand Winter	\$19.24	\$16.91	\$9.68
<u>Total Energy Rates (\$ per kWh)</u>			
Peak Summer	\$0.15924	\$0.16127	\$0.11214
Part-Peak Summer	\$0.11588	\$0.11356	\$0.09767
Off-Peak Summer	\$0.08611	\$0.08422	\$0.07851
Part-Peak Winter	\$0.10958	\$0.10728	\$0.09994
Off-Peak Winter	\$0.09345	\$0.09143	\$0.08523
Power Factor Adjustment Rate (\$/kWh/%)	\$0.00005	\$0.00005	\$0.00005
<u>PDP Rates</u>			
<u>PDP Charges (\$ per kWh)</u>			
All Usage During PDP Event	\$1.20	\$1.20	\$1.20
<u>PDP Credits</u>			
<u>Demand (\$ per kW)</u>			
Peak Summer	(\$5.11)	(\$5.55)	(\$5.76)
Part-Peak Summer	(\$1.26)	(\$1.31)	(\$1.37)
<u>Energy (\$ per kWh)</u>			
Peak Summer	\$0.00000	\$0.00000	\$0.00000
Part-Peak Summer	\$0.00000	\$0.00000	\$0.00000

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below. PDP charges and credits are all generation and are not included below.

(Continued)

Advice 5622-E
Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted
Effective
Resolution

August 21, 2019
August 21, 2019



ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

Sheet 8

- 4. METERING REQUIREMENTS: An interval data meter that measures and registers the amount of electricity a customer uses and can be read remotely by PG&E is required for all customers on this schedule. For customers taking service under the provisions of Direct Access, see Electric Rule 22 for metering requirements

(T)
(T)

(D)

- 5. DEFINITION OF SERVICE VOLTAGE: The following defines the three voltage classes of Schedule E-20 rates. Standard Service Voltages are listed in Rule 2.
 - a. Secondary: This is the voltage class if the service voltage is less than 2,400 volts or if the definitions of "primary" and "transmission" do not apply to the service.
 - b. Primary: This is the voltage class if the customer is served from a "single customer substation" or without transformation from PG&E's serving distribution system at one of the standard primary voltages specified in PG&E's Electric Rule 2, Section B.1.
 - c. Transmission: This is the voltage class if the customer is served without transformation at one of the standard transmission voltages specified in PG&E's Electric Rule 2, Section B.1.

(D)

(Continued)



ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

Sheet 10

8. CHARGES FOR TRANSFORMER AND LINE LOSSES: The demand and energy meter readings used in determining the charges will be adjusted to correct for transformation and line losses in accordance with Section B.4 of Rule 2.

9. STANDARD SERVICE FACILITIES: If PG&E must install any new or additional facilities to provide the customer with service under Schedule E-20, the customer may have to pay some of the cost. Any advance necessary and any monthly charge for the facilities will be specified in a line extension agreement. See Rules 2, 15, and 16 for details.

Facilities installed to serve the customer may be removed when service is discontinued. The customer will then have to repay PG&E for all or some of its investment in the facilities. Terms and conditions for repayment will be set forth in the line extension agreement.

10. SPECIAL FACILITIES: PG&E will normally install only those standard facilities it deems necessary to provide service under Schedule E-20. If the customer requests any additional facilities, those facilities will be treated as "special facilities" in accordance with Section I of Rule 2.

(D)
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|
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|
|
(D)

(Continued)



ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

Sheet 11

11. BILLING: A customer's bill is calculated based on the option applicable to the customer. (T)

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	Secondary Voltage	Primary Voltage	Transmission Voltage
Energy Cost Recovery Amount Charge (per kWh)	(\$0.00057)	(\$0.00057)	(\$0.00057)
DWR Bond Charge (per kWh)	\$0.00503	\$0.00503	\$0.00503
CTC Rate (per kWh)	\$0.00100	\$0.00094	\$0.00088
Power Charge Indifference Adjustment (per kWh)			
2009 Vintage	\$0.02032	\$0.01907	\$0.01795
2010 Vintage	\$0.02345	\$0.02200	\$0.02070
2011 Vintage	\$0.02438	\$0.02287	\$0.02152
2012 Vintage	\$0.02542	\$0.02385	\$0.02243
2013 Vintage	\$0.02560	\$0.02401	\$0.02259
2014 Vintage	\$0.02562	\$0.02403	\$0.02260
2015 Vintage	\$0.02567	\$0.02408	\$0.02265
2016 Vintage	\$0.02556	\$0.02397	\$0.02255
2017 Vintage	\$0.02561	\$0.02402	\$0.02259
2018 Vintage	\$0.02568	\$0.02409	\$0.02266
2019 Vintage	\$0.02731	\$0.02561	\$0.02405

(Continued)



ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

Sheet 12

- 12. CARE DISCOUNT FOR NONPROFIT GROUP-LIVING AND SPECIAL EMPLOYEE HOUSING FACILITIES: Facilities which meet the eligibility criteria in Rule 19.2 or 19.3 are eligible for a California Alternate Rates for Energy discount under Schedule E-CARE. CARE customers are exempt from paying the DWR Bond Charge. For CARE customers, no portion of the rates shall be used to pay the DWR Bond Charge. Generation is calculated residually based on the total rate less the sum of the following: Transmission, Transmission Rate Adjustments, Reliability Services, Distribution, Public Purpose Programs, Nuclear Decommissioning, Competition Transition Charge (CTC), and Energy Cost Recovery Amount. (T)
- 13. ELECTRIC EMERGENCY PLAN ROTATING BLOCK OUTAGES: See Electric Rule 14. (T)
- 14. STANDBY APPLICABILITY: SOLAR GENERATION FACILITIES EXEMPTION: Customers who utilize solar generating facilities which are less than or equal to one megawatt to serve load and who do not sell power or make more than incidental export of power into PG&E's power grid and who have not elected service under Schedule NEM, will be exempt from paying the otherwise applicable standby reservation charges. (T)

DISTRIBUTED ENERGY RESOURCES EXEMPTION: Any customer under a time-of-use (TOU) rate schedule using electric generation technology that meets the criteria as defined in Electric Rule 1 for Distributed Energy Resources is exempt from the otherwise applicable standby reservation charges. Customers qualifying for this exemption shall be subject to the following requirements. Customers qualifying for an exemption from standby charges under Public Utilities (PU) Code Sections 353.1 and 353.3, as described above, must take service on a TOU schedule in order to receive this exemption until a real-time pricing program, as described in PU Code 353.3, is made available. Once available, customers qualifying for the standby charge exemption must participate in the real-time program referred to above. Qualification for and receipt of this distributed energy resources exemption does not exempt the customer from metering charges applicable to TOU and real-time pricing, or exempt the customer from reasonable interconnection charges, non-bypassable charges as required in Preliminary Statement BB - *Competition Transition Charge Responsibility for All Customers and CTC Procurement*, or obligations determined by the Commission to result from participation in the purchase of power through the California Department of Water Resources, as provided in PU Code Section 353.7.

(Continued)



ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

Sheet 13

15. DWR BOND CHARGE: The Department of Water Resources (DWR) Bond Charge was imposed by California Public Utilities Commission Decision 02-10-063, as modified by Decision 02-12-082, and is property of DWR for all purposes under California law. The Bond Charge applies to all retail sales, excluding CARE and Medical Baseline sales. The DWR Bond Charge (where applicable) is included in customers' total billed amounts. (T)

16. PEAK DAY PRICING DETAILS: a. Default Provision: Decision 18-08-013 adopted new TOU periods for all non-residential customer classes. The Decision also suspends the default of eligible E-20 customers to PDP beginning November 1, 2018 until rates with new TOU periods, as adopted in the same Decision, become mandatory. The rates with new TOU periods are expected to become mandatory for medium and large C&I customers in November 2020, concurrent with the resumption of the default of eligible customers to PDP. (T)

The default of eligible customers to PDP will occur once per year with the start of their billing cycle on or after November 1. Eligible customers will have at least 45-days notice prior to their planned default date when they may opt-out of PDP rates to take service on TOU rates. During the 45-day period, customers will continue to take service on their non-PDP rate. Customers will be defaulted to PDP unless they opt-out to a TOU rate at least five (5) days prior to their planned default date. Existing customers on a PDP rate eligible demand response program will have the option to enroll.

Bundled service Net Energy Metering (NEM) customers taking service on Schedule NEM, NEMV, NEMVMASH, NEM2, NEM2V, or NEM2VMASH are eligible for default and opt-in PDP. NEM customers on NEMBIO, NEMFC, NEMCCSF, and NEMA are not eligible for PDP. The NEM Annual True-Up billing date, and the first year PDP Bill Stabilization date in 17.c, may be independent 12 month periods. After the first year on PDP, NEM credits can offset PDP charges. All PDP billing for NEM customers will be based on net usage during each 15-minute interval. Net positive usage above the CRL, as well as net exports in excess of the CRL, in each 15-minute interval will be subject to PDP credits and charges as applicable.

b. Capacity Reservation Level: Customers may elect a capacity reservation level (CRL) and pay for a fixed level of capacity, specified in kW. While the CRL is applicable year round, customers electing a CRL will be billed under a take-or-pay basis up to the specified CRL under the non-PDP rate of this schedule during the summer period (May 1 through October 31). This means that customers will be billed for summer peak generation demand charges up to the level of their CRL, even in summer months when the actual demand might be less than their CRL. Customers will receive PDP credits on summer usage above the CRL on all summer period days. All usage during a PDP event protected under the CRL will be billed at the non-PDP rate. All usage above the CRL (as measured in 15-minute intervals), and not protected during a PDP event, will be billed at the PDP rate.

If a customer fails to elect an initial CRL, the customer's initial CRL will be set at 50% of its most recent six (6) summer months' average peak-period maximum demand and may go back to the previous year to make a full summer season (if available). If the customer has not established any historic summer billing demand, the CRL will be set at zero (0). The CRL for all customers, including NEM customers, must be greater than or equal to zero (0).

A customer may only elect to change their CRL once every 12 months.

(Continued)



ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

Sheet 14

16. PEAK DAY PRICING DETAILS (continued):

- d. Bill Stabilization: PDP customers will be offered bill stabilization for the initial twelve (12) months unless they opt-out during their initial 45-day period. Bill stabilization ensures that during the initial 12 months under PDP, the customer will not pay more than it would have had it opted-out to the applicable TOU rate. (T)

If a customer terminates its participation on the PDP rate prior to the initial 12 month period expiring, the customer will receive bill stabilization up to the date when the customer terminates its participation. Bill stabilization benefits will be computed on a cumulative basis, based on the earlier of 1) when a customer terminates its participation on the PDP rate or 2) at the end of the initial 12-month period. Any applicable credits will be applied to the customer's account on a subsequent regular bill. Bill stabilization is only available one time per customer. If a customer unenrolls or terminates its participation on a PDP rate, bill stabilization will not be offered again.

- d. Notification Equipment: Customers, at their expense, must have access to the Internet and an e-mail address or a phone number to receive notification of a PDP event. In addition, all customers can have, at their expense, an alphanumeric pager or cellular telephone that is capable of receiving a text message sent via the Internet, and/or a facsimile machine to receive notification messages.

If a PDP event occurs, customers will be notified using one or more of the above-mentioned systems. Receipt of such notice is the responsibility of the participating customer. PG&E will make reasonable efforts to notify customers; however it is the customer's responsibility to maintain accurate notification contact information, receive such notice and to check the PG&E website to see if an event is activated. PG&E does not guarantee the reliability of the phone, text messaging, e-mail system or Internet site by which the customer receives notification.

PG&E may conduct notification test events once a month to ensure a customer's contact information is up to date. These are not actual PDP events and no load reduction is required.

- e. Demand Response Operations Website: Customers can use PG&E's demand response operations website located at <https://inter-act.pge.com> for load curtailment event notifications and communications.

The customer's actual energy usage is available at PG&E's demand response operations website. This data may not match billing quality data, and the customer understands and agrees that the data posted to PG&E's demand response operations website may be different from the actual bill.

- f. Program Operations: A maximum of fifteen (15) PDP events and a minimum of nine (9) PDP events may be called in any calendar year. PG&E will notify customers by 2:00 p.m. on a day-ahead basis when a PDP event will occur the next day. The PDP program will operate year-round and PDP events may be called for any day of the week. PDP events will be called from 2:00 p.m. to 6:00 p.m.
- g. Event Cancellation: PG&E may initiate the cancellation of a PDP event before 4:00 p.m. the day-ahead of a noticed PDP event. If PG&E cancels an event, it will count the cancelled event toward the PDP limits.

(Continued)



ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

Sheet 15

16. PEAK DAY PRICING DETAILS (continued):

h. Event Trigger: PG&E will trigger a PDP event when the day-ahead temperature forecast trigger is reached. The trigger will be the average of the day-ahead maximum temperature forecasts for San Jose, Concord, Red Bluff, Sacramento and Fresno. (T)

Beginning May 1 of each summer season, the PDP events on non-holiday weekdays will be triggered at 98 degrees Fahrenheit (°F), and will be triggered at 105°F on holidays and weekends. If needed, PG&E will adjust the non-holiday weekday trigger up or down over the course of the summer to achieve the range of 9 to 15 PDP events in any calendar year. Such adjustments would be made no more than twice per month and would be posted to the demand response operations website.

PDP events may also be initiated as warranted on a day-ahead basis by 1) extreme system conditions such as special alerts issued by the California Independent System Operator, 2) under conditions of high forecasted California spot market power prices, 3) to meet annual PDP event limits for a calendar year, or 4) for testing/evaluation purposes.

i. Program Terms: A customer may opt-out anytime during their initial 12 months on a PDP rate. After the initial 12 months, customer's participation will be in accordance with Electric Rule 12.

Customers may opt-out of a PDP rate at anytime to enroll in another demand response program beginning May 1, 2011.

j. Interaction with Other PG&E Demand Response Programs: Pursuant to D.18-11-029, customers on a PDP rate may no longer participate in another demand response program offered by PG&E or a third-party demand response provider as of October 26, 2018. If dual enrolled in BIP and PDP prior to October 26, 2018 then participation will be capped at the customer's subscribed megawatt level as of December 10, 2018. New dual enrollment in BIP and PDP as of October 26, 2018 is no longer available. If a NEM customer is on PDP, the customer cannot participate in a third party Demand Response program unless it ceases to be a PDP customer. If a third party signs a NEM customer up under Rule 24 at the CAISO, the customer is automatically removed from PDP.



ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

Sheet 16

17. Option R The Option R rate is available to qualifying customers with PV systems that provide 15% or more of their annual electricity usage¹ as described below. No Benefitting* or Aggregated* account is eligible for Option R unless there is PV interconnected at that account that independently meets the requirements of Option R. i.e., the PV interconnected on that account meets 15% of the load at that account. (T)

Customers:

- a) Installing a new PV system with no existing generation or with existing non-PV generation; or
- b) With existing PV and non-PV generation (as an existing NEMMT)

Must meet the following eligibility requirement:

$$\frac{\text{Annual PV system output}_2}{\text{Annual electricity usage}_1} \geq 15 \%$$

Customers:

- a) With an existing PV system, that are installing new PV system
- b) Adding new solar to existing PV and Non-PV generation

Must meet the following eligibility requirement:

$$\frac{\text{Annual PV system (new + existing) output}_2}{\text{Annual PV system (new + existing) output}_2 + \text{Annual electricity usage}_1} \geq 15 \%$$
 (T)

* Benefiting and Aggregated accounts are defined in rate schedules that allows for such accounts for example, NEM2, RES-BCT and other tariffs.

¹ Annual electricity usage (kWh): for customers with no generation will be the most recent usage over twelve billing periods, and for customers with existing generation it will be the net of imports and exports (if any, for all generators), measured at the PG&E meter over the most recent 12 billing periods. In cases where the most recent 12-month usage is not available PG&E will offer an alternate method.

² Annual PV system Output (kWh) = CEC_{AC} rating of the panels (kW) * 8760 hours/year * 18% capacity factor where:

$$\text{CEC}_{AC} \text{ Rating of the panels (kW)} = \frac{(\text{Quantity of PV Modules (W)} \times \text{PTC Rating of PV Modules} \times \text{CEC Inverter Efficiency Rating})}{1000}$$
 (T)

Where the PTC and CEC inverter Efficiency Rating can be found at:

The PTC rating can be found here:

http://www.gosolarcalifornia.ca.gov/equipment/documents/PV_Module_List_Simplified_Data.xlsx

and the CEC inverter efficiency rating here:

http://www.gosolarcalifornia.ca.gov/equipment/documents/Inverter_List_Simplified_Data.xlsx

The above Annual PV System Output formula can be modified based on the following alternatives:

- a) For customers with existing PV system, the customer may choose to supply PG&E with reliable metered data measuring Annual PV system Output, if such data is available.
- b) Customers with trackers can use the alternate capacity factors of:

Have single axis	21%
Have dual axis	24%

(Continued)



ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

Sheet 17

- 18. OPTIMAL BILLING PERIOD SERVICE: The Optimal Billing Period (OBP) service is a voluntary program available to bundled, direct access and community choice aggregation customers taking service on Schedule AG-5 (C) and (F) rates, Schedule E-19 or Schedule E-20. To qualify, a meter must have registered a demand of 500 kW or greater at least once during the most recent 12 months. The OBP service is limited to 50 service accounts with interval billed meters. (T)

Customers electing this service must complete the "Optimal Billing Period Service Election Form" (Form 79-1111).

Decision 18-08-013 expanded the eligibility of OBP to Schedule E-19 (above 500 kW as defined above), Schedule E-20, and to direct access and community choice aggregation customers taking service on eligible schedules. Decision 18-08-013 retained the participation cap of 50 positions, and reserved 36 positions for agricultural accounts, and 14 positions for commercial and industrial accounts. Before declining participation of any otherwise eligible account based on these participation limits, PG&E will verify that all other enrolled accounts are still eligible for the program.

Customers on net energy metering Schedules VNEM, NEMBIO, NEMFC, NEMCCSF, NEMA or RES-BCT are not eligible for OBP service.

The OBP service allows a billing cycle(s) to coincide with the customer's high seasonal production cycle. The customer designates the OBP by selecting one or both of the following:

- a) a specific month and day for the start of the OBP; and/or
- b) a specific month and day for the end of the OBP.

PG&E will use the customer's usage from the preceding twelve (12) billing months to determine eligibility for the OBP service. To qualify, the average of the previous high season monthly maximum demand must be at least double the average of the low season monthly maximum demand. The customer must also specify which six consecutive months will be their high season optimal billing period.

The start and end dates must fall within the customer's high seasonal production cycle. In no event shall any revised billing period exceed forty-five (45) days or be less than fifteen (15) days. To qualify for this option, the customer must designate an OBP of not more than six (6) months in duration.

To designate the specific date for the start or end of the OBP, a participating customer must email PG&E at least seventy-two (72) hours in advance and such email shall state in its subject line "OBP Notification." The designation may not be implemented if it is not received or if it does not contain the specified information.

(Continued)



ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

Sheet 18

18. OPTIMAL BILLING PERIOD SERVICE: (Cont'd.) Prior to receiving OBP service, the customer must pay an annual OBP fee of \$160.00 per meter. In order to retain the OBP service option in each subsequent year, the annual participation fee must be received by PG&E by the anniversary date of the contract. PG&E will bill the annual OBP fee upon the anniversary date of the contract unless the customer terminates the contract. For billing purposes, the annual participation fee shall be assigned to Distribution. (T)

A. No Retroactive Application

No customer shall be entitled to a refund associated with the OBP service for costs that might have been avoided had the service been available at an earlier point in time.

B. Customer Notification to PG&E

A customer must have at least 12 months of usage on a specific meter before the OBP service can be received on that particular meter. Also, a customer must provide notice to PG&E of their intention to obtain OBP service at least ninety (90) days before the start of the program.



**ELECTRIC SCHEDULE E-FERA
FAMILY ELECTRIC RATE ASSISTANCE**

Sheet 1

APPLICABILITY: This schedule is applicable to single-phase and polyphase residential service in single-family dwellings and in flats and apartments separately metered by PG&E and domestic submetered tenants residing in multifamily accommodations, mobilehome parks and to qualifying recreational vehicle parks and marinas and to farm service on the premises operated by the person whose residence is supplied through the same meter where the applicant qualified for Family Electric Rate Assistance (FERA) under the eligibility and certification criteria set forth below in Special Conditions 2 and 3. (T)

All individually meter customers and submetered tenants must have a total gross annual household income of between 200%+\$1 and 250% of federal poverty guidelines and have three or more persons residing full time in their household for that household to receive benefit of Schedule E-FERA.

TERRITORY: This rate schedule applies everywhere PG&E provides electric service.

RATES: Customers taking service on this rate schedule will receive a 18 percent discount on their total bundled charges on their otherwise applicable rate schedule. In addition, customers will receive a 50 percent discount on the delivery minimum bill amount, if applicable, and a discount amount equal to 18 percent of the associated generation charges. The FERA discount will be calculated for direct access and community choice aggregation customers based on the total charges as if they were subject to bundled service rates. Discounts will be applied as a reduction to distribution charges. These conditions also apply to master-metered customers and to qualified sub-metered tenants where the master-meter customer is served under PG&E's Rate Schedule ES, ESL, ESR, ESRL, ET, or ETL.

For master-metered customers, the FERA discount is equal to 18 percent of the total non-CARE portion of bundled charges, multiplied by the number of FERA units divided by the number of non-CARE units. (T)
(T)

- SPECIAL CONDITIONS:**
1. **OTHERWISE APPLICABLE SCHEDULE:** The Special Conditions of the Customer's otherwise applicable rate schedule will apply to this schedule.
 2. **ELIGIBILITY:** To be eligible to receive E-FERA the applicant must qualify under the criteria set forth below and meet the certification requirements thereof to the satisfaction of PG&E. Qualifying Direct Access, Community Choice Aggregation Service, and Transitional Bundled Service customers are also eligible to take service on Schedule E-FERA. Applicants may qualify for E-FERA at their primary residence only. Customers or sub-metered tenants participating in the California Alternate Rates for Energy (CARE) program cannot concurrently participate in the FERA program. Master-metered customers without sub-metering on Schedule EM or EM TOU are ineligible to participate in the FERA program. In addition, non-residential customers taking service on Schedule E-CARE are categorically ineligible to take service on Schedule E-FERA.

(Continued)



**ELECTRIC SCHEDULE E-TOU
RESIDENTIAL TIME-OF-USE SERVICE**

Sheet 5

**SPECIAL
CONDITIONS:**

1. **OPTION A BASELINE (TIER 1) QUANTITIES:** The following quantities of electricity are to be used to define usage eligible for the baseline credit (also see Rule 19 for additional allowances for medical needs):

BASELINE QUANTITIES (kWh PER DAY)

Baseline Territory*	Code B - Basic Quantities		Code H - All-Electric Quantities	
	Summer Tier I	Winter Tier I	Summer Tier I	Winter Tier I
P	14.2	12.0	16.0	27.4
Q	10.3	12.0	8.9	27.4
R	18.6	11.3	20.9	28.1
S	15.8	11.1	18.7	24.9
T	6.8	8.2	7.5	13.6
V	7.5	8.8	10.9	16.9
W	20.2	10.7	23.6	20.0
X	10.3	10.5	8.9	15.4
Y	11.0	12.1	12.6	25.3
Z	6.2	8.1	7.0	16.5

OPTION B BASELINE QUANTITIES – Option B is a non-tiered rate option with no associated baseline quantities and as such is not eligible for Medical Baseline adjustments.

(N)
|
(N)

2. **TIME PERIODS FOR OPTION A:** Times of the year and times of the day are defined as follows:¹

Summer (service from June 1 through September 30):

Peak: 3:00 p.m. to 8:00 p.m. Monday through Friday

Off-Peak: All other times including Holidays.

Winter (service from October 1 through May 31):

Peak: 3:00 p.m. to 8:00 p.m. Monday through Friday

Off-Peak: All other times including Holidays.

Holidays: "Holidays" for the purposes of this rate schedule are New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, and Christmas Day. The dates will be those on which the holidays are legally observed.

¹ For Option A, these TOU time periods will be in effect through December 31, 2019. Beginning January 1, 2020, the Option A TOU time periods will be identical to the time periods shown for Option B.

* The applicable baseline territory is described in Part A of the Preliminary Statement

(Continued)



**ELECTRIC SCHEDULE EDR
ECONOMIC DEVELOPMENT RATE**

Sheet 3

RATES:
(Cont'd.)

If the cap on a higher rate reduction tier is exhausted, a customer may qualify for a lower tier per Section 7 below.

This rate reduction for either the Standard EDR Option, Mid-Enhanced EDR Option, or the Enhanced EDR Option shall be calculated on the rate components of the customer's bill that correlate to services PG&E provides the customer.

For bundled customers, the appropriate rate reduction, either 12, 18 or 25 percent, will be applied to the total net bundled charges (i.e., including the generation charges) after application of any applicable rider tariffs, excluding taxes. Net charges before taxes include Peak Day Pricing (PDP) charges/credits, Demand Response Program benefits/charges, Net-Energy Metering (NEM) credits, etc. The amount of the rate reduction will then be allocated to reduce the customer's OAT generation and distribution charges. Specifically, the amount of the rate reduction will be allocated to reduce the OAT generation and distribution in the following proportions based on each customer's service voltage.

	Transmission	Primary	Secondary
Generation	95%	70%	60%
Distribution	5%	30%	40%

For Direct Access (DA) and Community Choice Aggregation (CCA) customers, the rate reduction on distribution charges for a similarly situated bundled customer will be applied to the net charges owed to the utility. The net charges owed to the utility excludes generation charges, but includes generation-related charges applicable to DA and CCA customers such as the Power Charge Indifference Adjustment (PCIA).

(T)

The DA and CCA rate reduction will be developed by first calculating the net bundled charges under the OAT, and then applying the rate reduction to generation and distribution in the manner described above. The resulting distribution charge will be the distribution charge applicable to DA and CCA customers. And, therefore, the amount of the EDR rate reduction for DA and CCA customers will be equal to the difference between the customer's OAT distribution charge and the distribution charge resulting from the calculation above.

(T)

For cases of customer expansion or retention where only part of the customer's load qualifies under the Applicability section above, the rate reduction will be applied only to that portion of demand and usage added or retained.

(Continued)



ELECTRIC SCHEDULE EL-TOU
RESIDENTIAL CARE PROGRAM TIME-OF-USE SERVICE

Sheet 5

the SPECIAL
CONDITIONS:

1. OPTION A BASELINE (TIER 1) QUANTITIES: The following quantities of electricity are to be used to define usage eligible for the baseline credit (also see Rule 19 for additional allowances for medical needs):

BASELINE QUANTITIES (kWh PER DAY)

Baseline Territory*	Code B - Basic Quantities		Code H - All-Electric Quantities	
	Summer	Winter	Summer	Winter
	Tier I	Tier I	Tier I	Tier I
P	14.2	12.0	16.0	27.4
Q	10.3	12.0	8.9	27.4
R	18.6	11.3	20.9	28.1
S	15.8	11.1	18.7	24.9
T	6.8	8.2	7.5	13.6
V	7.5	8.8	10.9	16.9
W	20.2	10.7	23.6	20.0
X	10.3	10.5	8.9	15.4
Y	11.0	12.1	12.6	25.3
Z	6.2	8.1	7.0	16.5

OPTION B BASELINE QUANTITIES – Option B is a non-tiered rate option with no associated baseline quantities and as such is not eligible for Medical Baseline adjustments.

(N)
|
(N)

2. TIME PERIODS FOR OPTION A: Times of the year and times of the day are defined as follows:¹

Summer (service from June 1 through September 30):

Peak: 3:00 p.m. to 8:00 p.m. Monday through Friday

Off-Peak: All other times including Holidays.

Winter (service from October 1 through May 31):

Peak: 3:00 p.m. to 8:00 p.m. Monday through Friday

Off-Peak: All other times including Holidays.

Holidays: "Holidays" for the purposes of this rate schedule are New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, and Christmas Day. The dates will be those on which the holidays are legally observed.

¹ For Option A, these TOU time periods will be in effect through December 31, 2019. Beginning January 1, 2020, the Option A TOU time periods will be identical to the time periods shown for Option B.

* The applicable baseline territory is described in Part A of the Preliminary Statement.

(Continued)



**ELECTRIC SCHEDULE EV
RESIDENTIAL TIME-OF-USE
SERVICE FOR PLUG-IN ELECTRIC VEHICLE CUSTOMERS**

Sheet 1

APPLICABILITY: This optional experimental schedule applies to electric service to customers for whom Schedule E-1 applies and who have a currently registered Motor Vehicle, as defined by the California Motor Vehicle Code, which is a battery electric vehicle (BEV) or plug-in hybrid electric vehicle (PHEV) recharged via a recharging outlet at the customer's premises. This schedule is not available to customers with a conventional, charge sustaining (battery recharged solely from the vehicle's on-board generator) hybrid electric vehicle (HEV). Low speed electric vehicles and electrically powered motorcycles or bicycles, as defined by the California Motor Vehicle Code, are not eligible for this rate option. Service under this schedule is provided at the sole option of PG&E and based upon the availability of metering equipment and customer infrastructure improvements necessary for charging. Rate A of Schedule EV is closed to new enrollment. (D) (D) (D)

Beginning on the later of July 1, 2019 or the date the new electric vehicle charging rate becomes available for enrollment, customers taking service on Rate A or Rate B of this rate schedule cannot exceed 800% of their annual baseline allowance, measured as the total usage for the customer over the last 12 months divided by the total annual baseline allowance using the approved baseline allowances for those months. Customers at premises with total usage in excess of 800 percent of baseline over 12 months will be moved to Schedule E-TOU-B and will be prohibited from taking service on any electric vehicle rate schedule for 12 months. Customers must have 12 months of consecutive usage on this Rate Schedule before being subject to the requirement of being moved from Schedule EV to Schedule E-TOU-B as a result of exceeding the 800 percent of baseline 12-month threshold.

Pursuant to D.17-01-006, as revised by D. 17-02-017 and D. 17-10-018, for grandfathered service, certain solar customers will be allowed to continue service on Rate A of this schedule. Specifically, solar customers that interconnected by December 16, 2016, and elected service under Schedule EV prior to July 31, 2017, are allowed to retain service under this schedule for five years after issuance of the permission to operate, but no later than July 31, 2022. In addition, pursuant to D. 16-01-044, net energy metering customers that interconnected after December 15, 2016 and elected service on Rate Option A of this rate schedule may also continue service on this rate schedule for a period of 5 years from the date the customer commenced service on the NEM 2.0 rate, but no later than November 30, 2025. Existing EV-A customers seeking to commence service on NEM2.0 rate and continue service on EV-A for up to 5 years must submit an interconnection application by November 30, 2019 (T) | (T)

The provisions of Schedule S—Standby Service Special Conditions 1 through 6 shall also apply to customers whose premises are regularly supplied in part (but not in whole) by electric energy from a nonutility source of supply. These customers will pay monthly reservation charges as specified under Section 1 of Schedule S, in addition to all applicable Schedule EV charges. See Special Condition 6 of this rate schedule for exemptions to standby charges.

Depending on the manner in which customers will fuel their vehicle, one of the following rates will apply:

- Rate A: Applies to all applicable customers unless they qualify for and choose Rate B.
- Rate B: Applies to all applicable customers with a separately metered BEV or PHEV recharging outlet.

TERRITORY: This rate schedule applies everywhere PG&E provides electric service.

(Continued)



**ELECTRIC SCHEDULE S
STANDBY SERVICE**

Sheet 13

SPECIAL
CONDITIONS:
(Cont'd.)

7. SUPPLEMENTAL STANDBY SERVICE (BACKUP REQUIREMENTS):

- a. Schedule E-19 and Schedule E-20 customers whose nonutility source of generation does not regularly supply all the power necessary at their premises may elect to receive the back-up portion of their total service requirement under Schedule S if the appropriate metering is installed to separately record the net on-site generation and the on-site load. If the customer elects instead to receive all of their service under Schedule E-19 or E-20, however, Special Conditions 1 through 6 of this Schedule will apply to the back-up portion of their load, with a Reservation capacity as determined in accordance with Special Condition 1 of this tariff. (T)
- b. Supplemental standby service requires the installation of a load profile recorder. PG&E will install load profile recorders, subject to meter availability. The customer shall provide, install, own, and maintain all facilities necessary to accommodate metering equipment specified by PG&E. An additional charge applies for Supplemental Standby Service. A Supplemental Standby Service Meter Charge will be added to the standby customer's bill in addition to the TOU Energy Charges for back-up requirements, specified in the Rates Section. Supplemental standby service customers will also pay the appropriate rate Schedule E-19 or E-20 charges, including the Customer Charge, for their supplemental power use. (T)
- c. Back-up requirements are the portion of the customer's maximum demand and energy usage in any billing month caused by the nonoperation of the customer's alternative source of power. The customer's Reservation Capacity shall be determined in accordance with Special Condition 1 of this tariff.

The customer's metered reactive power usage will be prorated for the purpose of assigning such usage separately to the customer's bills for backup power and for supplemental power. The Reactive Demand Charge (see Special Condition 2) will be calculated by multiplying the customer's maximum measured reactive demand by the ratio of the current Reservation Capacity and the customer's maximum total kW of backup and supplemental load.

- 8. **EXTENDED OUTAGES:** If a customer's generation equipment or alternative supply source is subject to an extended outage, and this outage is expected to persist for at least one complete regular billing cycle, the customer may request alternate billing under the terms of that otherwise-applicable, demand-metered regular service tariff indicated by the customer's current reservation capacity, by providing formal written notification to PG&E. Billing under the indicated otherwise-applicable schedule would begin with the customer's first regular meter read date after the beginning of the outage. After PG&E is notified that the generation equipment has been returned to service, billing under Schedule S will resume as of the last regular meter read date that has preceded resolution of the outage. In the interim, reservation charges as specified under Section 1 of this tariff would not continue to apply to the customer's bill for the duration of the outage. However, all charges from the indicated otherwise-applicable tariff will apply.

(Continued)



ELECTRIC RULE NO. 1
DEFINITIONS

Sheet 4

BEHIND-THE-METER SOLAR TOU PERIOD GRANDFATHERING ELIGIBILITY REQUIREMENTS: (Cont'd)

E. Eligible System

An Eligible System is a solar (PV) generating facility:

(1) That serves customer load behind-the-same meter as the generating facility. Such Generating Facilities may be taking service on Rate schedules NEM, NEM2, NEMV, NEM2V, NEMVMASH, NEM2VMSH, E-REMAT, RES-BCT, the RAM program, or interconnected under Electric Rule 21 as non-export or uncompensated export; and for which an Initial interconnection application was received by PG&E

(a) No later than January 31, 2017; or

(b) (for Public Agencies), no later than December 31st, 2017. (Public agency is defined here as public schools, colleges and universities; federal, state, county and city government agencies; municipal utilities; public water and/or sanitation agencies; and joint powers authorities).

(2) For which PG&E has received evidence of the customer's final inspection clearance from the governmental authority; and

(3) If the interconnection application was received by PG&E between January 23, 2017 and December 31, 2017, the generating facility must be designed to offset at least 15%¹ of the customer's current load, in a manner with consistent with the Option R requirements in Rate Schedule E19, Special Condition 19. This requirement must be met at the time the Initial Application is filed and PG&E reserves the right to verify this requirement. This requirement will not be retroactively applied to systems where an application to interconnect was received by PG&E prior to January 23, 2017.²

(T)

For the purposes of TOU Period Grandfathering, Permission to Operate (PTO) refers to the original permission to operate date as issued by PG&E for the Eligible System. Any subsequent requests to modify that previously approved system do not restart the Transition Mitigation Period once the new PTO is issued nor can any changes alter its original TOU grandfathering eligibility.

¹ For tracking systems, PG&E agrees to use a 21% capacity factor for a single tracker, or 24% for a dual tracker, instead of the 18% in the Option R calculation in E-20 Special Condition 17, Footnote 1.

(T)

² PG&E will not apply the 15% load requirement to systems with PTO prior to January 23, 2017, the date of (D.) 17-01-006. The intent of the 15% load requirement was to eliminate the potential for applications submitted after the CPUC's decision was issued on January 23, 2017, seeking to "lock in" a legacy TOU period by installing only a token amount of on-site solar generation.

(Continued)



ELECTRIC RULE NO. 1
DEFINITIONS

Sheet 5

BEHIND-THE-METER SOLAR TOU PERIOD GRANDFATHERING ELIGIBILITY REQUIREMENTS: (Cont'd)

F. Complete Interconnection Application Package

A "Complete Interconnection Application Package" includes all of the following with no deficiencies, or modifications required:

- (1) A completed Interconnection Application including all supporting documents and all required payments; AND
- (2) A completed signed Interconnection Agreement; AND
- (3) Evidence of the customer's final inspection clearance from the governmental authority having jurisdiction over the Electrical Generation Facility.

G. Modifications to Pending Interconnection Request Applying under Fast Track Study

(N)

For the purposes of TOU Period Grandfathering, the initial interconnection application that is submitted by the applicable deadline must remain in compliance with Electric Rule 21 for the duration of the application and receive Permission to Operate (PTO). If an Applicant takes any action beyond what is listed below, the Applicant must withdraw the pending application and reapply. If the corrected application is not resubmitted by the timelines prescribed in the Decision, it is no longer eligible for TOU Period Grandfathering.

Acceptable Changes

- (A) Modifying the generating facility size after the initial application has been submitted but prior to any Engineering Review
- (B) Decreasing the generating facility size during³ or after an Engineering Review has been completed (prior to PTO)
 - If mitigations are required at the customer's expense (e.g., Dedicated Transformer Upgrade), the Applicant may downsize but must do so while accepting the upgrade. If the Applicant requests a restudy to determine whether the mitigation is no longer required after downsizing, they must withdraw and reapply.

(N)

(L)

(L)

³ "During" refers to the time after an Engineering Review has been completed but the result was a failure thereby requiring an Applicant to decide how to proceed.

(Continued)



ELECTRIC RULE NO. 1
DEFINITIONS

Sheet 6

BILLING CYCLE: The regular interval at which a bill for electric service is rendered; typically spans a 27-to-33 day period.

(L)

BILLING DEMAND: The demand on which the customer is to be billed in accordance with the terms and conditions of their applicable rate schedule.

BILLING FACTOR: Factor used to calculate a bill on a daily basis as opposed to monthly, when the billing period is other than 27 to 33 days. All rate schedules assume monthly billings of 27 to 33 days, and the Billing Factor for these billings is equal to 1. The factor is used to adjust flat monthly charges (such as fixed usage accounts), monthly customer, monthly meter, and minimum service charges to monthly parity when an account is billed for fewer than 27 days (Billing Factor is less than 1), or when billed for more than 33 days (Billing Factor is greater than 1). The factor is based on 30 days, which are deemed to be the total number of days in an average month. The Billing Factor formula is:

Billing Factor = Number of Billing Days divided by 30.

BILLING MONTH: The period of time over which a customer is billed for services rendered during a particular billing cycle.

BUNDLED SERVICE: Defined in Rule 22.A.1.

BUSINESS DAY: A day on which PG&E offices are open to conduct general business in California. Also, commonly referred to as a "working" day.

(L)

CALIFORNIA ALTERNATE RATES FOR ENERGY (CARE): The residential CARE (formerly known as Low-Income Ratepayer Assistance or LIRA) program for qualifying (see Rules 19.1 and 19.2) low-income applicants provides reduced energy charges to the following:

1. Individually metered customers;
2. Master-metered customers with qualifying low-income submetered tenants;
3. Submetered tenants of master-metered PG&E customers;
4. Qualifying residents in individually metered residential dwelling units; and
5. Qualifying Nonprofit Group-Living Facilities.

(L)

(L)

(Continued)



ELECTRIC RULE NO. 1
DEFINITIONS

Sheet 7

CARE NONPROFIT GROUP-LIVING FACILITY: A facility operated by a corporation that has received a letter of determination by the Internal Revenue Service that the corporation is tax-exempt due to its nonprofit status under IRS Code Section 501(c)(3). The facility must be one of the following:

(L)

1. A homeless shelter with 10 or more beds and open at least 180 days per year;
2. Transitional housing, such as a half-way house or drug rehabilitation facility;
3. Short- or long-term care facility, such as a hospice, nursing home, seniors' home, or children's home; or
4. A group home for physically or mentally disabled persons.

With the exception of homeless shelters, the nonprofit group-living facility must provide services such as meals or rehabilitation in addition to lodging. All of the residents of the facility must meet the CARE eligibility standard for a single-person household. At least 70 percent of the electricity supplied to the facility's premises must be used for residential purposes, and the facility must be licensed by the appropriate state agency, with the exception of homeless shelters which must have the appropriate municipal or county conditional use permits.

Facilities such as student housing/dormitories are excluded.

For complete eligibility requirements see Rule 19.2.

(L)

COMMISSION: The Public Utilities Commission of the State of California sometimes referred to as the Public Utilities Commission (PUC) or the CPUC.

COMMON USE AREAS: Those areas that may be shared or used by occupants within a multifamily accommodation, including, but not limited to, laundry room, recreation room, swimming pool, tennis courts, gardens, hall/outdoor lighting. Excludes lighting under Rate Schedules OL-1, LS-1, LS-2, and LS-3

COMPANY: Pacific Gas and Electric Company (PG&E).

(L)

(L)

(Continued)



ELECTRIC RULE NO. 1
DEFINITIONS

Sheet 8

COMPANY'S OPERATING CONVENIENCE: The use, under certain circumstances, of facilities or practices not ordinarily employed which contribute to the overall efficiency of PG&E's operations; the term does not refer to customer convenience nor to the use of facilities or adoption of practices required to comply with applicable laws, ordinances, rules, regulations, or similar requirements of public authorities. (L)

COMPETITIVE TRANSITION CHARGE (CTC): Defined in Public Utilities Code Section 840 and by the Commission.

CONNECTED LOAD: The sum of the rated capacities of all of the customer's equipment that can be connected to PG&E's lines at any one time as more completely described in the rate schedules.

COST OF OWNERSHIP: A monthly charge applied to special facilities to recover the cost to PG&E of operating the special facility.

When applicant-financed the charge includes the cost components for operations and maintenance (O&M), administration and general expenses (A&G), property taxes, and Revenue Fees and Uncollectible (RF&U), and the cost of replacement facilities at no additional cost for sixty (60) years. The applicant-financed percentage is also used to calculate COO charges on unsupported distribution line extension costs. See Rule 15.E.6

When PG&E-financed the monthly cost components include all of those listed above for applicant-financed special facilities plus components to cover the costs of income taxes, return on investment, and depreciation. . The PG&E-financed COO is also used to calculate line extension allowances. (See Rule 15. C. 2 & C.3. (L)

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Advice 5622-E
Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted
Effective
Resolution

August 21, 2019
August 21, 2019



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(T)

(Continued)

Advice 5622-E
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Resolution

Advice 4134-G/5622-E
August 21, 2019

Attachment 2
Redlined Tariffs



LIST OF CONTRACTS AND DEVIATIONS
(Continued)

Sheet 12

Name and Location of Customer		Most Comparable Regular Tariff			
PG&E Installation Reference No.	Type or Class of Service	Execution and Expiration Dates	Commission Authorization Number and Date	Schedule or Rule No.	Contract Difference
<u>SACRAMENTO VALLEY REGION</u>					
<u>Federal Agencies</u>					
U.S. Air Force, Fairfield Gardens, Travis Air Force Base, Solano County	Firm	6-3-59*1	G.O.96,X.B.	G-5	Facility Charge
U.S. Air Force, McClellan Air Force Base, North Sacramento, Sacramento County	Firm	10-20-60*1	G.O.96,X.B.	G-4	Facility Charge
U.S. Air Force, Mather Heights, Mather Air Force Base, Sacramento County	Firm	1-18-62*1	G.O.96-A,X.B.	G-5	Facility Charge
U.S. Air Force, McClellan Air Force Base, North Sacramento, Sacramento County	Residential/General Service	2-16-01	G.O.96-A, 1.E.,X.B.	Rule 15	Negotiated Agreement
<u>State Agencies</u>					
State of California Department of Public Health, Research Facility Solano County	Firm	12-18-64*1	G.O.96-A,X.B. 4-20-65	G-6	Facility Charge
<u>University of California - Davis.</u>	<u>Coml</u>	<u>01-31-2019 (one time)</u>	<u>Res. G-3543 02-04-2019</u>	<u>Form 62-4527</u>	<u>Indemnification</u> (N) (N)
<u>Counties and Cities</u>					
City of Redding	Inter	9-21-93*1	G.O.96-A,X.B.	Rule 15 E-7	Gas Transmission Line Extension
Placer County	Coml	2-7-2008 (one time)	G.O. 96-B 2-5-2008	Form 62-4527	Indemnification

* *1 to *8 See last page of Gas Contracts and Deviations Section for explanation of footnotes.

(Continued)

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Regulation and Rates

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LIST OF CONTRACTS AND DEVIATIONS
(Continued)

Sheet 39

Name and Location of Customer Most Comparable Regular Tariff

<u>PG&E Installation Reference No.</u>	<u>Type or Class of Service</u>	<u>Execution and Expiration Dates</u>	<u>Commission Authorization Number and Date</u>	<u>Schedule or Rule No.</u>	<u>Contract Difference</u>
<u>SACRAMENTO VALLEY REGION</u> (Cont'd.)					
<u>State Agencies</u>					
University of California Davis Campus	Street Lighting	11-23-62 3-8-68*2	G.O.96-A,X.B. 8-20-63	LS-2	Rate for 100-Watt Mercury Vapor Lamp
State of California Dept. of Water Resources Oregon Gulch Butte County	General Service	12-6-62 5-29-68*2	G.O.96-A,X.B. 7-2-63	Rule 15	Monthly Charge For Excess Facilities
State of California Division of Beaches & Parks Folsom Lake Recreation Area El Dorado County	Domestic and General Service	3-10-65 5 Years*2	G.O.96-A,X.B. 6-15-65	Rule 15	Monthly Charge For Excess Facilities
State of California Dept. of Fish & Game Fish Hatchery, Pit 1 P.H. Shasta County	Domestic and General Service	5-8-68 12-31-68	G.O.96-A,X.B. 9-15-70	Rule 15	Monthly Charge For Excess Facilities
SA 4002 State of California Dept. of Parks and Recreation Oroville Reservoir Loafer Creek Butte County	Coml/Ind	12-31-69*2	G.O.96-A,X.B. 5-5-76	Rule 15 Sec. E.7	Monthly Cost of Ownership Charges
State of California California Highway Patrol Mt. Hough, Plumas County	Coml/Ind	9-24-73*2	G.O.96-A,X.B. 3-26-75	Rule 15 Sec. E.7	Monthly Cost of Ownership Charges
<u>University of California - Davis.</u>	<u>Coml</u>	<u>01-31-2019</u> <u>(one time)</u>	<u>Res. G-3543.</u> <u>02-04-2019</u>	<u>Form 62-4527</u>	<u>Indemnification</u> <u>(N)</u>
<u>Counties and Cities</u>					
City of Placerville	Coml	11-16-78 5 Years*1	Res. E-1818 1-4-79	Rule 1	Monthly Cost of Ownership Charge
City of Davis and Davis Research Park Associates	Coml/Ind	7-1-81 ---	Res. G-2458 3-2-82	Rule 15.2	Cost of Ownership Charge
City of Red Bluff	Coml	10-7-81 ---	---	Rule 15	Cost of Ownership Charge
Placer County	Coml	2-7-08 (one time)	G.O. 96-B 2-5-08	Form 62-4527	Indemnification

*1 to *4 See last page of Electric Contracts and Deviations Section for explanation of footnotes.

(Continued)

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**ELECTRIC SCHEDULE A-1
SMALL GENERAL SERVICE**

Sheet 2

APPLICABILITY:
(cont'd.)

Time-of-Use Rates: Decision 10-02-032, as modified by Decision 11-11-008, makes time-of-use (TOU) rates mandatory beginning November 1, 2012, for small and medium C&I customers that have at least twelve (12) billing months of hourly usage data available .

Decision 18-08-013 adopted new TOU periods for all non-residential customer classes. The Decision also suspends the transition of eligible A-1 customers to mandatory TOU rates beginning November 1, 2018 until the rates with new TOU periods, as adopted in the same Decision, become mandatory. The rates with new TOU periods are expected to become mandatory for small and medium C&I customers in November 2020, concurrent with the resumption of customer transitions to mandatory TOU rates. (N)
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|
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(N)

The transition of eligible customers to mandatory TOU rates will occur once per year with the start of their billing cycle on or after November 1. Eligible customers will have at least 45 days notice prior to their planned transition date. During the 45-day period, customers will continue to take service on their non-TOU rate. Customers may elect any applicable TOU rate. However, if the customer taking service on this schedule has not made that choice at least five (5) days prior to the planned transition date, their service will be changed to the TOU version of this rate schedule on their transition date.

Customers with a SmartMeter™ system installed that can be remotely read by PG&E may also voluntarily elect to enroll on A-1 TOU rates prior to their TOU default dates.

Qualifying customers with solar systems who meet the requirements in Rule 1 Definition of "Behind-the-Meter Solar TOU Period Grandfathering" and the terms of "Behind-the-Meter Solar TOU Period Grandfathering Eligibility Requirements" shall be permitted to maintain their legacy TOU rate periods, until the date ten years after their system received its permission to operate (but in no event beyond December 31, 2027 (for public schools) or July 31, 2027 (for all other qualifying). However, rates for those TOU rate periods will be updated with new rates as authorized in applicable PG&E rate proceedings and advice filings.

* The Rules referred to in this schedule are part of PG&E's electric tariffs. Copies are available at PG&E's local offices and website at <http://www.pge.com/tariffs>

(Continued)

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Decision

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Vice President, Regulatory Affairs

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**ELECTRIC SCHEDULE A-1
SMALL GENERAL SERVICE**

Sheet 3

TERRITORY: This rate schedule applies everywhere PG&E provides electric service.

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. (T)
(T)

TOTAL RATES

A. Non-Time-of-Use Rates

Total Customer Charge Rates

Customer Charge Single-phase (\$ per meter per day)	\$0.32854
Customer Charge Poly-phase (\$ per meter per day)	\$0.65708

Total Energy Rates (\$ per kWh)

Summer	\$0.26730
Winter	\$0.20676

B. Time-of-Use Rates

Total Customer Charge Rates

Customer Charge Single-phase (\$ per meter per day)	\$0.32854
Customer Charge Poly-phase (\$ per meter per day)	\$0.65708

Total TOU Energy Rates (\$ per kWh)

Peak Summer	\$0.28192
Part-Peak Summer	\$0.25827
Off-Peak Summer	\$0.23091
Part-Peak Winter	\$0.23767
Off-Peak Winter	\$0.21675

PDP Rates (Consecutive Day and Four-Hour Event Option) *

PDP Charges (\$ per kWh)

All Usage During PDP Event	\$0.60
----------------------------	--------

PDP Credits

Energy (\$ per kWh)

Peak Summer	(\$0.00925)
Part-Peak Summer	(\$0.00925)
Off-Peak Summer	(\$0.00925)

* See PDP Detail, section g, for corresponding reduction in PDP credits and charges if other option(s) elected.

(Continued)



**ELECTRIC SCHEDULE A-1
SMALL GENERAL SERVICE**

Sheet 7

CONTRACT: For customers who use service for only part of the year, this schedule is available only on annual contract.

SEASONS: The summer rate is applicable May 1 through October 31, and the winter rate is applicable November 1 through April 30. When billing includes use in both the summer and winter periods, charges will be prorated based upon the number of days in each period.

COMMON-AREA ACCOUNTS: Common-area accounts are those accounts that provide electric service to Common Use Areas as defined in Rule 1. Common-area accounts that are separately metered by PG&E and which took electric service from PG&E on or prior to January 16, 2003, had ~~ve~~ a one-time opportunity to return to a residential rate schedule from April 1, 2004, to May 31, 2004, by notifying PG&E in writing. These accounts remain eligible for service under this rate schedule if the customer did not invoke this first right of return.

In the event that the CPUC substantially reduces the surcharges or substantially amends any or all of PG&E's commercial or residential rate schedules, the Executive Council of Homeowners (ECHO) can direct PG&E to begin an optional second right-of-return period lasting 105 days. ~~However, if this occurs prior to the April 1, 2004, to May 31, 2004, time period, the ECHO directed right of return period will be the only window for returning to a residential schedule.~~

Newly constructed common-areas that are separately metered by PG&E and which first took electric service from PG&E after January 16, 2003, have a one-time opportunity to transfer to a residential rate schedule during a two-month window that begins 14 months after taking service on a commercial rate schedule. This must be done by notifying PG&E in writing. These common-area accounts have an additional opportunity to return to a residential schedule in the event that ECHO directs PG&E to begin a second right-of-return period.

~~Common-area accounts are those accounts that provide electric service to Common Use Areas as defined in Rule 1.~~

BILLING: A customer's bill is calculated based on the option applicable to the customer.

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, 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. 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.

(Continued)



ELECTRIC SCHEDULE A-10
MEDIUM GENERAL DEMAND-METERED SERVICE

Sheet 1

APPLICABILITY: Schedule A-10 is a demand metered rate schedule for general service customers. Schedule A-10 applies to single-phase and polyphase alternating-current service (for a description of these terms, see Section D of Rule 2*). This schedule is not available to residential or agricultural service for which a residential or agricultural schedule is applicable, except for single-phase and polyphase service in common areas in a multifamily complex (see Common-Area Accounts section).

Under Rate Schedule A-10, there is a limit on the demand (the number of kilowatts (kW)) the customer may require from the PG&E system. If the customer's demand exceeds 499 kW for three consecutive months, the customer's account will be transferred to Schedule E-19 or E-20.

~~Under Rate Schedule A-10, a bundled service customer with a maximum demand of 200 kW or greater for three consecutive months must have an interval data meter that can be read remotely by PG&E and pay the time-of-use (TOU) charges in accordance with the terms and conditions of this rate schedule.~~

(D)
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(D)

Effective November 1, 2014, new customers establishing service on Schedule A-10 where a Smart Meter™ is already in place will be charged Schedule A-10 TOU rates.

The provisions of Schedule S—Standby Service Special Conditions 1 through 6 shall also apply to customers whose premises are regularly supplied in part (but not in whole) by electric energy from a nonutility source of supply. These customers will pay monthly reservation charges as specified under Section 1 of Schedule S, in addition to all applicable Schedule A-10 charges. Exemptions to standby charges are outlined in the Standby Applicability Section of this rate schedule.

Transfers Off of Schedule A-10 TOU: ~~Customers are placed on this schedule if they are not eligible for Schedules A-1 or A-6 because their demand exceeded or was expected to exceed 75 kW. Customers After being placed on this schedule due to the 200 kW or greater provisions of this schedule, customers who then fail to exceed 75-99 kilowatts for 12 consecutive months may elect to stay on the time-of-use provisions of this schedule or elect another alternate time-of-use rate schedule.~~

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(T)

Assignment of New Customers: If a customer is new and PG&E believes that the customer's maximum demand will be between ~~200-75~~ through 499 kilowatts and that the customer should not be served under an agricultural or residential rate schedule, PG&E will serve the customer's account under the provisions of time-of-use Rate Schedule A-10.

(T)

* The rules referred to in this schedule are part of PG&E's electric tariffs. Copies are available at PG&E's local offices and on the website at <http://www.pge.com/tariffs>.

(Continued)

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Vice President, Regulatory Affairs

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ELECTRIC SCHEDULE A-10
MEDIUM GENERAL DEMAND-METERED SERVICE

Sheet 3

APPLICABILITY (CONT'D): Qualifying customers with solar systems who meet the requirements in Rule 1 Definition of "Behind-the-Meter Solar TOU Period Grandfathering" and the terms of "Behind-the-Meter Solar TOU Period Grandfathering Eligibility Requirements" shall be permitted to maintain their legacy TOU rate periods, until the date ten years after their system received its permission to operate (but in no event beyond December 31, 2027 (for public schools) or July 31, 2027 (for all other qualifying). However, rates for those TOU rate periods will be updated with new rates as authorized in applicable PG&E rate proceedings and advice filings.

RATES: Total bundled service charges are calculated using the total rates shown below. DA and CCA charges shall be calculated in accordance with the paragraph in this rate schedule titled Billing. (T)
All customers taking non-TOU service under this rate schedule shall be subject to the rates set forth in Table A. All customers taking TOU service under this rate schedule shall be subject to the rates set forth in Table B. (T)

RATES: Standard Non-Time-of-Use Rate

Table A

	TOTAL RATES		
	Secondary Voltage	Primary Voltage	Transmission Voltage
<u>Total Customer/Meter Charge Rates</u>			
Customer Charge (\$ per meter per day)	\$4.59959	\$4.59959	\$4.59959
<u>Total Demand Rates (\$ per kW)</u>			
Summer	\$19.99	\$18.86	\$13.02
Winter	\$11.66	\$11.90	\$9.06
<u>Total Energy Rates (\$ per kWh)</u>			
Summer	\$0.17846	\$0.16672	\$0.13227
Winter	\$0.13770	\$0.13293	\$0.11149

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

(Continued)

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ELECTRIC SCHEDULE A-10
MEDIUM GENERAL DEMAND-METERED SERVICE

Sheet 9

COMMON-AREA ACCOUNTS:

Common-area accounts are those accounts that provide electric service to Common Use Areas as defined in Rule 1. Common-area accounts that are separately metered by PG&E and which took electric service from PG&E on or prior to January 16, 2003, have a one-time opportunity to return to a residential rate schedule from April 1, 2004, to May 31, 2004, by notifying PG&E in writing. These accounts remain eligible for service under this rate schedule if the customer did not invoke this first right of return.

(L)
(L)
(T)
(T)
(T)

In the event that the CPUC substantially amends any or all of PG&E's commercial or residential rate schedules, the Executive Council of Homeowners (ECHO) can direct PG&E to begin an optional second right-of-return period lasting 105 days. ~~However, if this occurs prior to the April 1, 2004, to May 31, 2004, time period, the ECHO directed right of return period will be the only window for returning to a residential schedule.~~

(D)
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(D)

Newly constructed common-areas that are separately metered by PG&E and which first took electric service from PG&E after January 16, 2003, have a one-time opportunity to transfer to a residential rate schedule during a two-month window that begins 14 months after taking service on a commercial rate schedule. This must be done by notifying PG&E in writing. These common-area accounts have an additional opportunity to return to a residential schedule in the event that ECHO directs PG&E to begin a second right-of-return period.

~~Only those common-area accounts taking service on Schedule E-8 prior to moving to this tariff may return to Schedule E-8.~~

(D)
(D)

~~Common-area accounts are those accounts that provide electric service to Common Use Areas as defined in Rule 1.~~

(L)
(L)

BILLING:

A customer's bill is calculated based on the option applicable to the customer.

Bundled Service Customers receive supply and delivery services solely from PG&E. The customer's bill is based on the total rates and conditions in this schedule.

Transitional Bundled Service Customers take transitional bundled service as prescribed in Rules 22.1 and 23, 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. These customers shall pay charges for transmission, transmission rate adjustments, reliability services, distribution, nuclear decommissioning, public purpose programs, New System Generation Charges, the DA CRS pursuant to Schedule DA CRS and short-term commodity prices as set forth in Schedule TBCC.

(T)

(D)

(Continued)

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ELECTRIC SCHEDULE A-6
SMALL GENERAL TIME-OF-USE SERVICE

Sheet 1

APPLICABILITY: This time-of-use schedule applies to single-phase and polyphase alternating-current service (for a description of these terms, see Section D of Rule 2*). This schedule is not available to residential or agricultural service for which a residential or agricultural schedule is applicable, except for single-phase and polyphase service in common areas in a multifamily complex (see Common-Area Accounts section). ~~Customers with a maximum demand of 200 kW or greater for three consecutive months must have an interval data meter that can be read remotely by PG&E and be on this or other applicable time-of-use schedule.~~

(D)
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(D)

Effective April 1, 2017, Schedule A-6 is closed to new customers with a maximum demand of 75 kW or greater for three consecutive months in the most recent twelve months, or with usage of 150,000 kWh per year or greater, and who have at least twelve (12) months of hourly usage data available. For new customers on or after April 1, 2017, eligibility for A-6 will be reviewed annually and migration of ineligible customers will be implemented once per year, on bill cycles each November, using the same procedures described in Schedule A-1 for Time-of-Use (TOU) rates adopted in Decision 10-02-032 as modified by Decision 11-11-008. Any customer with a maximum demand of 75 kW or greater, or with usage of 150,000 kWh per year or greater, who sends PG&E a letter (via certified mail with a return receipt to establish a delivery record date on or before March 31, 2017) requesting a rate change pursuant to Electric Rule 12, shall be allowed to take service on Schedule A-6.

Depending upon whether or not a Time-Of-Use Installation or Time-Of-Use Processing charge applied prior to May 1, 2006, the customer will be served under one of these rates under Schedule A-6:

Rate W: Applies to customers who were on Rate W as of May 1, 2006.

Rate X: Applies to customers who were on Rate X as of May 1, 2006 or who enroll on A-6 on or after May 1, 2006.

A-6: Applies to customers who were on A-6 as of May 1, 2006.

Peak Day Pricing Default Rates: Peak Day Pricing (PDP) rates provide customers the opportunity to manage their electric costs by reducing load during high cost periods or shifting load from high cost periods to lower cost periods. Decision 10-02-032, as modified by Decision 11-11-008, ordered that beginning November 1, 2014, eligible small and medium Commercial and Industrial (C&I) customers (those with demands that are not equal or greater than 200kW for three consecutive months) default to PDP rates. A customer is eligible for default when it has at least twelve (12) billing months of hourly usage data available and two years of experience on TOU rates. All eligible customers will be placed on PDP rates unless they opt-out to a TOU rate. Customers with a SmartMeter™ system, or interval meter, installed that can be remotely read by PG&E may also voluntarily elect to enroll on PDP rates prior to their default dates.

* The Rules referred to in this schedule are part of PG&E's electric tariffs. Copies are available at PG&E's local offices and website at <http://www.pge.com/tariffs>.

(Continued)

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ELECTRIC SCHEDULE A-6
SMALL GENERAL TIME-OF-USE SERVICE

Sheet 2

APPLICABILITY: Peak Day Pricing Default Rates (Cont'd.):
(Cont'd.)

Bundled service customers are eligible for PDP. Direct Access (DA) and Community Choice Aggregation (CCA) service customers are not eligible, including those customers on transitional bundled service (TBS). Customers on standby service (Schedule S), net-energy metering Schedules NEMFC, NEMBIO, NEMCCSF, or NEMA, or an energy payment demand response program, are not eligible for PDP. In addition, master-metered customers are not eligible, except for commercial buildings with submetering as stated in PG&E Rule 1 and Rule 18. Non-residential SmartAC customers are eligible. Smart A/C customers may request PG&E to activate their A/C Cycling switch or Programmable Controllable Thermostat (PCT) when the customer is participating solely in a PDP event.

Decision 18-08-013 temporarily suspends the default of eligible A-6 customers to PDP beginning November 1, 2018.

For additional details and program specifics, see the Peak Day Pricing Details section below.

The meters required for this schedule may become obsolete as a result of electric industry restructuring or other action by the California Public Utilities Commission. Therefore, any and all risks of paying the required charges and not receiving commensurate benefit are entirely that of the customer.

Ongoing daily Time-of-Use (TOU) meter charges applicable to customers taking voluntary TOU service under this rate schedule will no longer be applied if the customer has a SmartMeter™ installed.

~~Customers who fail to exceed 100 kilowatts for 12 consecutive months may elect to stay on this schedule or elect a non-time-of-use rate schedule or alternate time-of-use rate schedule.~~ (D)

~~Customers who also request any meter data management services, must also sign an Interval Meter Data Management Service Agreement (Form 79-985) and must have an appropriate interval data meter. If the customer does not currently have this type of meter, the customer must pay PG&E for the cost of purchasing and installing an interval data meter, together with applicable Income Tax Component of Contribution (ITCC) charges and the cost to operate and maintain the interval meter, and must sign an Interval Meter Installation Service Agreement (Form 79-984).~~ (D)

The provisions of Schedule S—Standby Service Special Conditions 1 through 6 shall also apply to customers whose premises are regularly supplied in part (but not in whole) by electric energy from a nonutility source of supply. These customers will pay monthly reservation charges as specified under Section 1 of Schedule S, in addition to all applicable Schedule A-6 charges. Exemptions are outlined in the Standby Applicability Section of this rate schedule.

~~Customers who exceed 400 kW for at least three consecutive months during the most recent 12-month period and must otherwise take service on mandatory Schedule E-19 may elect service under Schedule A-6 under the terms outlined in the Solar Pilot Program section of this rate schedule.~~ (D)

Qualifying customers with solar systems who meet the requirements in Rule 1 Definition of “Behind-the-Meter Solar TOU Period Grandfathering” and the terms of “Behind-the-Meter Solar TOU Period Grandfathering Eligibility Requirements” shall be permitted to maintain their legacy TOU rate periods, until the date ten years after their system received its permission to operate (but in no event beyond December 31, 2027 (for public schools) or July 31, 2027 (for all other qualifying). However, rates for those TOU rate periods will be updated with new rates as authorized in applicable PG&E rate proceedings and advice filings.

(Continued)

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ELECTRIC SCHEDULE A-6
SMALL GENERAL TIME-OF-USE SERVICE

Sheet 3

TERRITORY: This rate schedule applies everywhere PG&E provides electric service.

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. (T)
(T)

TOTAL RATES

<u>Total Customer/Meter Charge Rates</u>	
Customer Charge Single-phase (\$ per meter per day)	\$0.32854
Customer Charge Poly-phase (\$ per meter per day)	\$0.65708
Meter Charge (A-6) (\$ per meter per day)	\$0.20107
Meter Charge (W) (\$ per meter per day)	\$0.05914
Meter Charge (X) (\$ per meter per day)	\$0.20107

<u>Total Energy Rates (\$ per kWh)</u>	
Peak Summer	\$0.58205
Part-Peak Summer	\$0.28522
Off-Peak Summer	\$0.21363
Part-Peak Winter	\$0.22870
Off-Peak Winter	\$0.21045

PDP Rates (Consecutive Day and Four-Hour Event Option) *

<u>PDP Charges (\$ per kWh)</u>	
All Usage During PDP Event	\$1.20

<u>PDP Credits</u>	
<u>Energy (\$ per kWh)</u>	
Peak Summer	(\$0.16735)
Part-Peak Summer	(\$0.03347)

* See PDP Details, section g, for corresponding reduction in PDP credits and charges if other option(s) elected.

(Continued)



ELECTRIC SCHEDULE A-6
SMALL GENERAL TIME-OF-USE SERVICE

Sheet 5

TIME PERIODS: Times of the year and times of the day are defined as follows:

SUMMER (Service from May 1 through October 31):

Peak:	12:00 noon to 6:00 p.m.	Monday through Friday (except holidays)
Partial-peak:	8:30 a.m. to 12:00 noon AND 6:00 p.m. to 9:30 p.m.	Monday through Friday (except holidays)
Off-peak:	9:30 p.m. to 8:30 a.m. All day	Monday through Friday Saturday, Sunday, and holidays

WINTER (Service from November 1 through April 30):

Partial-Peak:	8:30 a.m. to 9:30 p.m.	Monday through Friday (except holidays)
Off-Peak:	9:30 p.m. to 8:30 a.m. All day	Monday through Friday (except holidays) Saturday, Sunday, and holidays

Holidays: "Holidays" for the purposes of this rate schedule are New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, and Christmas Day. The dates will be those on which the holidays are legally observed.

DAYLIGHT SAVING TIME ADJUSTMENT: The time periods shown above will begin and end one hour later for the period between the second Sunday in March and the first Sunday in April, and for the period between the last Sunday in October and the first Sunday in November.

CONTRACT: For customers who use service for only part of the year, this schedule is available only on annual contract.

SEASONS: The summer rate is applicable May 1 through October 31, and the winter rate is applicable November 1 through April 30. When billing includes use in both the summer and winter periods, charges will be prorated based upon the number of days in each period, unless actual meter readings are available.

COMMON-AREA ACCOUNTS: Common-area accounts are those accounts that provide electric service to Common Use Areas as defined in Rule 1. Common-area accounts that are separately metered by PG&E and which took electric service from PG&E on or prior to January 16, 2003, had ~~ve~~ a one-time opportunity to return to a residential rate schedule from April 1, 2004, to May 31, 2004, by notifying PG&E in writing. These accounts remain eligible for service under this rate schedule if the customer did not invoke this first right of return.

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In the event that the CPUC substantially reduces the surcharges or substantially amends any or all of PG&E's commercial or residential rate schedules, the Executive Council of Homeowners (ECHO) can direct PG&E to begin an optional second right-of-return period lasting 105 days. ~~However, if this occurs prior to the April 1, 2004, to May 31, 2004, time period, the ECHO directed right of return period will be the only window for returning to a residential schedule.~~

(D)
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(D)

Newly constructed Common-areas that are separately metered by PG&E and which first took electric service from PG&E after January 16, 2003, have a one-time opportunity to transfer to a residential rate schedule during a two-month window that begins 14 months after taking service on a commercial rate schedule. This must be done by notifying PG&E in writing. These common-area accounts have an additional opportunity to return to a residential schedule in the event that ECHO directs PG&E to begin a second right-of-return period.

(Continued)

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ELECTRIC SCHEDULE A-6
SMALL GENERAL TIME-OF-USE SERVICE

Sheet 6

~~COMMON-AREA ACCOUNTS: (Cont'd.)~~ ~~Only those common-area accounts taking service on Schedule E-8 prior to moving to this tariff may return to Schedule E-8.~~ (D)
~~Common-area accounts are those accounts that provide electric service to Common Use Areas as defined in Rule 1.~~ (L)

BILLING: A customer's bill is calculated based on the option applicable to the customer.

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 Charges¹, 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.

	<u>DA /CCA CRS</u>
Energy Cost Recovery Amount Charge (per kWh)	(\$0.00057)
DWR Bond Charge (per kWh)	\$0.00503
CTC Charge (per kWh)	\$0.00107
Power Charge Indifference Adjustment (per kWh)	
2009 Vintage	\$0.02131
2010 Vintage	\$0.02465
2011 Vintage	\$0.02564
2012 Vintage	\$0.02677
2013 Vintage	\$0.02696
2014 Vintage	\$0.02699
2015 Vintage	\$0.02705
2016 Vintage	\$0.02693
2017 Vintage	\$0.02699
2018 Vintage	\$0.02706
2019 Vintage	\$0.02905

CARE DISCOUNT: Nonprofit Group-Living Facilities which meet the eligibility criteria in Rule 19.2 or 19.3 are eligible for a California Alternate Rates for Energy discount under Schedule E-CARE. CARE customers are exempt from the DWR Bond Charge. For CARE customers, no portion of the rates shall be used to pay the DWR bond charge. Generation is calculated residually based on the total rate less the sum of the following: Transmission, Transmission Rate Adjustments, Reliability Services, Distribution, Public Purpose Programs, Nuclear Decommissioning, New System Generation Charges, Competition Transition Charges (CTC), and Energy Cost Recovery Amount.

(Continued)

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ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 2

1. APPLICABILITY:
(Cont'd.)

Transfers Off of Schedule E-19: If a customer's maximum demand has failed to exceed 499 kilowatts for 12 consecutive months, PG&E will transfer that customer's account to voluntary E-19 service or to a different applicable rate schedule. ~~After being placed on this schedule due to the 200 kW or greater provisions of this schedule, customers who fail to exceed 199 kilowatts for 12 consecutive months may elect to stay on the time-of-use provisions of this schedule or alternate time-of-use rate schedule.~~

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Assignment of New Customers: If a customer is new and PG&E believes that the customer's maximum demand will be 500 through 999 kilowatts and that the customer should not be served under a time-of-use agricultural schedule, PG&E will serve the customer's account under Schedule E-19.

Peak Day Pricing Default Rates: Peak Day Pricing (PDP) rates provide customers the opportunity to manage their electric costs by reducing load during high cost periods or shifting load from high cost periods to lower cost periods. Decision 10-02-032 ordered that beginning May 1, 2010, eligible large Commercial and Industrial (C&I) customers default to PDP rates. A customer is eligible for default when 1) it has at least twelve (12) billing months of hourly usage data available, and 2) it has measured demands equal to or exceeding 200 kW for three (3) consecutive months during the past 12 months. All eligible customers will be placed on PDP rates unless they opt-out to a TOU rate

Decision 10-02-032, as modified by Decision 11-11-008, ordered that beginning November 1, 2014, eligible small and medium Commercial and Industrial (C&I) customers (those with demands that are not equal to or greater than 200kW for three consecutive months) default to PDP rates. A customer is eligible for default when it has at least twelve (12) billing months of hourly usage data available and two years of experience on TOU rates. All eligible customers will be placed on PDP rates unless they opt-out to a TOU rate.

Customers that do not meet default eligibility may voluntarily elect to enroll on PDP rates.

Bundled service customers are eligible for PDP. Direct Access (DA) and Community Choice Aggregation (CCA) service customers are not eligible, including those DA customers on transitional bundled service (TBS). Customers on standby service (Schedule S), or on net-energy metering Schedules NEMFC, NEMBIO, NEMCCSF, or NEMA, are not eligible for PDP. In addition, master-metered customers are not eligible, except for commercial buildings with submetering as stated in PG&E Rule 1 and Rule 18. Non-residential SmartAC customers are eligible. Smart A/C customers may request PG&E to activate their A/C Cycling switch or Programmable Controllable Thermostat (PCT) when the customer is participating solely in a PDP event.

Decision 18-08-013 temporarily suspends the default of eligible E-19 customers to PDP beginning November 1, 2018.

For additional PDP details and program specifics, see Section 19.

(Continued)

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ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 3

1. APPLICABILITY:
(Cont'd.)

Definition of Maximum Demand: Demand will be averaged over 15-minute intervals for customers whose maximum demand exceeds 499 kW. "Maximum demand" will be the highest of all the 15-minute averages for the billing month. If the customer's use of electricity is intermittent or subject to severe fluctuations, a 5-minute interval may be used. If the customer has any welding machines, the diversified resistance welder load, calculated in accordance with Section J of Rule 2, will be considered the maximum demand if it exceeds the maximum demand that results from averaging the demand over 15-minute intervals. The customer's maximum-peak-period demand will be the highest of all the 15-minute averages for the peak period during the billing month. (See Section 6 for a definition of "Peak-Period.") See Section 14 for the definition of maximum demand for customers voluntarily selecting E-19.

Option R for Solar: The Option R rate is available to qualifying customers taking Bundled, DA and CCA service under Schedule E-19, and/or voluntary E-19. Eligible customers must have, with solar photovoltaic (PV) systems that provide 15% or more of their annual electricity usage. For additional Option R details and program specifics, see Sections 3 and 20.

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Standby Demand: For customers for whom Schedule S—Standby Service Special Conditions 1 through 6 apply, standby demand is the portion of a customer's maximum demand in any month caused by nonoperation of the customer's alternate source of power, and for which a demand charge is paid under the regular service schedule.

If the customer imposes standby demand in any month, then the regular service maximum demand charge will be reduced by the applicable reservation capacity charge (see Schedule S Special Condition 1).

To qualify for the above reduction in the maximum demand charge, the customer must, within 30 days of the regular meter-read date, demonstrate to the satisfaction of PG&E the amount of standby demand in any month. This may be done by submitting to PG&E a completed Electric Standby Service Log Sheet (Form 79-726).

2. TERRITORY:

This rate schedule applies everywhere PG&E provides electricity service.

3. 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.

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ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 11

4. METERING REQUIREMENTS:

~~An interval data meter that measures and registers the amount of electricity a customer uses and can be read remotely by PG&E is required for all customers on this schedule.~~

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~~For customers taking service under the provisions of Direct Access, see Electric Rule 22 for metering requirements.~~

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(T)

~~PG&E will install a time-of-use meter that is appropriate for this schedule that measures and registers the amount of electricity a customer uses.~~

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~~Customers with a maximum demand of 200 kW or greater for three consecutive months must have an interval data meter that can be read remotely by PG&E. A Meter Data Management Agent (MDMA) may also read the customer's meter on behalf of the customer's Energy Service Provider (ESP) if a customer is receiving Direct Access Service.~~

~~For bundled service customers with a maximum demand of 200 kW or greater for three consecutive months, PG&E will provide and install the interval data meter at no additional cost to the customer. After the interval meter is installed, the customer must take service on a time-of-use schedule. The installation of an interval data meter for customers taking service under the provisions of Direct Access is the responsibility of the customer's Energy Service Provider, or their Agent, and must be installed in accordance with Electric Rule 22.~~

~~If the customer does not currently qualify for an interval data meter, the customer must pay PG&E for the cost of purchasing and installing an interval meter, together with applicable Income Tax Component of Contribution (ITCC) charges and the cost to operate and maintain the interval meter, and must sign an Interval Meter Installation Service Agreement (Form 79-984).~~

~~Customers who also request any meter data management services must also sign an Interval Meter Data Management Service Agreement (Form 79-985) and must have an appropriate interval data meter.~~

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5. DEFINITION OF SERVICE VOLTAGE:

The following defines the three voltage classes of Schedule E-19 rates. Standard Service Voltages are listed in Rule 2, Section B.1.

- a. Secondary: This is the voltage class if the service voltage is less than 2,400 volts or if the definitions of "primary" and "transmission" do not apply to the service.
- b. Primary: This is the voltage class if the customer is served from a "single customer substation" or without transformation from PG&E's serving distribution system at one of the standard primary voltages specified in PG&E's Electric Rule 2, Section B.1.
- c. Transmission: This is the voltage class if the customer is served without transformation from PG&E's serving transmission system at one of the standard transmission voltages specified in PG&E's Rule 2, Section B.1.

(Continued)

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ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 13

8. CHARGES FOR TRANSFORMER AND LINE LOSSES: The demand and energy meter readings used in determining the charges will be adjusted to correct for transformation and line losses in accordance with Section B.4 of Rule 2.

9. STANDARD SERVICE FACILITIES: If PG&E must install any new or additional facilities to provide the customer with service under this schedule the customer may have to pay some of the cost. Any advance necessary and any monthly charge for the facilities will be specified in a line extension agreement. See Rules 2, 15, and 16 for details. This section does not apply to customers voluntarily taking service under Schedule E-19.

Facilities installed to serve the customer may be removed when service is discontinued. The customer will then have to repay PG&E for all or some of its investment in the facilities. Terms and conditions for repayment will be set forth in the line extension agreement.

10. SPECIAL FACILITIES: PG&E will normally install only those standard facilities it deems necessary to provide service under this schedule. If the customer requests any additional facilities, those facilities will be treated as "special facilities" in accordance with Section I of Rule 2.

~~11. ARRANGEMENTS FOR VISUAL DISPLAY METERING: If the customer wishes to have visual display metering equipment in addition to the regular metering equipment, and the customer would like PG&E to install that equipment, the customer must submit a written request to PG&E. PG&E will provide and install the equipment within 180 days of receiving the request. The visual display metering equipment will be installed near the present metering equipment. The customer will be responsible for providing the required space and associated wiring. PG&E will continue to use the regular metering equipment for billing purposes.~~

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ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 14

1.2. COMMON-
AREA
ACCOUNTS:

Common-area accounts are those accounts that provide electric service to Common Use Areas as defined in Rule 1. Common-area accounts that are separately metered by PG&E and which took electric service from PG&E on or prior to January 16, 2003, have a one-time opportunity to return to a residential rate schedule from April 1, 2004 to May 31, 2004, by notifying PG&E in writing. These accounts remain eligible for service under this rate schedule if the customer did not invoke this first right of return.

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In the event that the CPUC substantially amends any or all of PG&E's commercial or residential rate schedules, the Executive Council of Homeowners (ECHO) can direct PG&E to begin an optional second right-of-return period lasting 105 days. ~~However, if this occurs prior to the April 1, 2004 to May 31, 2004, time period, the ECHO directed right of return period will be the only window for returning to a residential schedule.~~

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(D)

Newly constructed common-areas that are separately metered by PG&E and which first took electric service from PG&E after January 16, 2003, have a one-time opportunity to transfer to a residential rate schedule during a two-month window that begins 14 months after taking service on a commercial rate schedule. This must be done by notifying PG&E in writing. These common-area accounts have an additional opportunity to return to a residential schedule in the event that ECHO directs PG&E to begin a second right-of-return period.

~~Only those common-area accounts taking service on Schedule E-8 prior to moving to this tariff may return to Schedule E-8.~~

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~~Common-area accounts are those accounts that provide electric service to Common Use Areas as defined in Rule 1.~~

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ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 15

123. VOLUNTARY SERVICE PROVISIONS: Customers voluntarily taking service on Schedule E-19 (see Applicability Section) shall be governed by all the terms and conditions shown in Sections 1 through 12, unless different terms and conditions are shown below. (T)

a. DEFINITION OF MAXIMUM DEMAND: Demand will be averaged over 15-minute intervals except, in special cases. "Maximum demand" will be the highest of all 15-minute averages for the billing month.

SPECIAL CASES: (1) If the customer's use of energy is intermittent or subject to severe fluctuations, a 5-minute interval may be used; and (2) If the customer uses welders, the demand charge will be subject to the minimum demand charges for those welders' ratings, as explained in Section J of Rule 2.

b. REDUCED CUSTOMER CHARGE: The reduced customer charge will be assessed only if the customer is taking service under this schedule on a voluntary basis or if the customer's maximum billing demand has not exceeded 499 kW for 12 or more consecutive months.

c. SERVICE CONTRACTS: This rate schedule will remain in effect for at least twelve consecutive months before another schedule change is made, unless the customer's maximum demand has exceeded 499 kW for three consecutive months.

134. BILLING: A customer's bill is calculated based on the option applicable to the customer. (T)

(Continued)



ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 16

134. BILLING:
(Cont'd.)

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. (T)

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.

	<u>DA / CCA CRS</u>
Energy Cost Recovery Amount Charge (per kWh)	(\$0.00057)
DWR Bond Charge (per kWh)	\$0.00503
CTC Charge (per kWh)	\$0.00104
Power Charge Indifference Adjustment (per kWh)	
2009 Vintage	\$0.02105
2010 Vintage	\$0.02429
2011 Vintage	\$0.02525
2012 Vintage	\$0.02633
2013 Vintage	\$0.02652
2014 Vintage	\$0.02654
2015 Vintage	\$0.02659
2016 Vintage	\$0.02647
2017 Vintage	\$0.02653
2018 Vintage	\$0.02660
2019 Vintage	\$0.02830

145. CARE
DISCOUNT
FOR
NONPROFIT
GROUP-
LIVING AND
SPECIAL
EMPLOYEE
HOUSING
FACILITIES:

Facilities which meet the eligibility criteria in Rule 19.2 or 19.3 are eligible for a California Alternate Rates for Energy discount under Schedule E-CARE. CARE customers are exempt from paying the DWR Bond Charge rate component. For CARE customers, no portion of the rates shall be used to pay the DWR bond charge. Generation is calculated residually based on the total rate less the sum of the following: Transmission, Transmission Rate Adjustments, Reliability Services, Distribution, Public Purpose Programs, Nuclear Decommissioning, New System Generation Charges¹, Competition Transition Charges (CTC), and Energy Cost Recovery Amount. (T)

(Continued)



ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 17

156. ELECTRIC
EMERGENCY
PLAN
ROTATING
BLOCK
OUTAGES

See Electric Rule 14.

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Advice Decision RKW1-E Clean U[

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August 20, 2019



ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 18

167. STANDBY APPLICABILITY:

SOLAR GENERATION FACILITIES EXEMPTION: Customers who utilize solar generating facilities which are less than or equal to one megawatt to serve load and who do not sell power or make more than incidental export of power into PG&E's power grid and who have not elected service under Schedule NEM, will be exempt from paying the otherwise applicable standby reservation charges.

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DISTRIBUTED ENERGY RESOURCES EXEMPTION: Any customer under a time-of-use (TOU) rate schedule using electric generation technology that meets the criteria as defined in Electric Rule 1 for Distributed Energy Resources is exempt from the otherwise applicable standby reservation charges. Customers qualifying for this exemption shall be subject to the following requirements. Customers qualifying for an exemption from standby charges under Public Utilities (PU) Code Sections 353.1 and 353.3, as described above, must take service on a TOU schedule in order to receive this exemption until a real-time pricing program, as described in PU Code 353.3, is made available. Once available, customers qualifying for the standby charge exemption must participate in the real-time program referred to above. Qualification for and receipt of this distributed energy resources exemption does not exempt the customer from metering charges applicable to TOU and real-time pricing, or exempt the customer from reasonable interconnection charges, non-bypassable charges as required in Preliminary Statement BB - *Competition Transition Charge Responsibility for All Customers and CTC Procurement*, or obligations determined by the Commission to result from participation in the purchase of power through the California Department of Water Resources, as provided in PU Code Section 353.7.

178. DWR BOND CHARGE:

The Department of Water Resources (DWR) Bond Charge was imposed by California Public Utilities Commission Decision 02-10-063, as modified by Decision 02-12-082, and is property of DWR for all purposes under California law. The Bond Charge applies to all retail sales, excluding CARE and Medical Baseline sales. The DWR Bond Charge (where applicable) is included in customers' total billed amounts.

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ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 19

189. PEAK DAY PRICING DETAILS:

a. Default Provision: Decision 18-08-013 adopted new TOU periods for all non-residential customer classes. The Decision also suspends the default of eligible E-19 customers to PDP beginning November 1, 2018 until rates with new TOU periods, as adopted in the same Decision, become mandatory. The rates with new TOU periods are expected to become mandatory for medium and large C&I customers in November 2020, concurrent with the resumption of the default of eligible customers to PDP.

(T)

The default of eligible customers to PDP will occur once per year with the start of their billing cycle on or after November 1. Eligible customers will have at least 45-days notice prior to their planned default date when they may opt-out of PDP rates to take service on TOU rates. During the 45-day period, customers will continue to take service on their non-PDP rate. Customers may elect any applicable PDP rate. However, if the customers taking service on this schedule have not made that choice or elected to opt-out to a TOU rate at least five (5) days before their proposed default date, their service will be defaulted to the PDP version of this rate schedule on their default date. Existing customers on a PDP rate eligible demand response program will have the option to enroll.

Bundled service Net Energy Metering (NEM) customers taking service on Schedule NEM, NEMV, NEMVMASH, NEM2, NEM2V, or NEM2VMASH are eligible for default and opt-in PDP. NEM customers on NEMBIO, NEMFC, NEMCCSF, and NEMA are not eligible for PDP. The NEM Annual True-Up billing date, and the first year PDP Bill Stabilization date in 19.c, may be independent 12 month periods. After the first year on PDP, NEM credits can offset PDP charges. All PDP billing for NEM customers will be based on net usage during each 15-minute interval. Net positive usage above the CRL, as well as net exports in excess of the CRL, in each 15-minute interval will be subject to PDP credits and charges as applicable.

b. Capacity Reservation Level: Customers may elect a capacity reservation level (CRL) and pay for a fixed level of capacity, specified in kW. While the CRL is applicable year round, customers electing a CRL will be billed on a take-or-pay basis up to the specified CRL under the non-PDP rate of this schedule during the summer period (May 1 through October 31). This means that customers will be billed for summer peak generation demand charges up to the level of their CRL, even in summer months when the actual demand might be less than their CRL. Customers will receive PDP credits on summer usage above the CRL on all summer-period days. All usage during a PDP event protected under the CRL will be billed at the non-PDP rate. All usage above the CRL (as measured in 15-minute intervals), and not protected during a PDP event, will be billed at the PDP rate.

If a customer fails to elect an initial CRL, the customer's initial CRL will be set at 50% of its most recent six (6) summer months' average peak-period maximum demand and may go back to the previous year to make a full summer season (if available). If the customer has not established any historic summer billing demand, the CRL will be set at zero (0). The CRL for all customers, including NEM customers, must be greater than or equal to zero (0).

A customer may only elect to change their CRL once every 12 months.

(Continued)



ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 20

189. PEAK DAY PRICING DETAILS: (cont.)

- c. Bill Stabilization: PDP customers will be offered bill stabilization for the initial twelve (12) months unless they opt-out during their initial 45-day period. Bill stabilization ensures that during the initial 12 months under PDP, the customer will not pay more than it would have had it opted-out to the applicable TOU rate.

(T)

If a customer terminates its participation on the PDP rate prior to the initial 12 month period expiring, the customer will receive bill stabilization up to the date when the customer terminates its participation. Bill stabilization benefits will be computed on a cumulative basis, based on the earlier of 1) when a customer terminates its participation on the PDP rate or 2) at the end of the initial 12-month period. Any applicable credits will be applied to the customer's account on a subsequent regular bill. Bill stabilization is only available one time per customer. If a customer un-enrolls or terminates its participation on a PDP rate, bill stabilization will not be offered again.

- d. Notification Equipment: Customers, at their expense, must have access to the Internet and an e-mail address or a phone number to receive notification of a PDP event. In addition, all customers can have, at their expense, an alphanumeric pager or cellular telephone that is capable of receiving a text message sent via the Internet, and/or a facsimile machine to receive notification messages.

If a PDP event occurs, customers will be notified using one or more of the above-mentioned systems. Receipt of such notice is the responsibility of the participating customer. PG&E will make reasonable efforts to notify customers, however it is the customer's responsibility to maintain accurate notification contact information, receive such notice and to check the PG&E website to see if an event is activated. PG&E does not guarantee the reliability of the phone, text messaging, e-mail system or Internet site by which the customer receives notification.

PG&E may conduct notification test events once a month to ensure a customer's contact information is up-to-date. These are not actual PDP events and no load reduction is required.

- e. Demand Response Operations Website: Customers with demands of 200 kW or greater for three consecutive months can use PG&E's demand response operations website located at <https://inter-act.pge.com> for load curtailment event notifications and communications.

The customer's actual energy usage is available at PG&E's demand response operations website or on "My Account". This data may not match billing quality data, and the customer understands and agrees that the data posted to PG&E's demand response operations website or on "My Account" may be different from the actual bill.

- f. Program Operations: A maximum of fifteen (15) PDP events and a minimum of nine (9) PDP events may be called in any calendar year. PG&E will notify customers by 2:00 p.m. on a day-ahead basis when a PDP event will occur the next day. The PDP program will operate year-round and PDP events may be called for any day of the week. PDP events will be called from 2:00 p.m. to 6:00 p.m.
- g. Event Cancellation: PG&E may initiate the cancellation of a PDP event before 4:00 p.m. the day-ahead of a noticed PDP event. If PG&E cancels an event, it will count the cancelled event toward the PDP limits.

(Continued)



ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 21

189. PEAK DAY PRICING DETAILS: (cont.)

- h. Event Trigger: PG&E will trigger a PDP event when the day-ahead temperature forecast trigger is reached. The trigger will be the average of the day-ahead maximum temperature forecasts for San Jose, Concord, Red Bluff, Sacramento and Fresno.

(T)

Beginning May 1 of each summer season, the PDP events on non-holiday weekdays will be triggered at 98 degrees Fahrenheit (°F), and will be triggered at 105°F on holidays and weekends. If needed, PG&E will adjust the non-holiday weekday trigger up or down over the course of the summer to achieve the range of 9 to 15 PDP events in any calendar year. Such adjustments would be made no more than twice per month and would be posted to the demand response operations website or on PG&E's PDP website.

PDP events may also be initiated as warranted on a day-ahead basis by 1) extreme system conditions such as special alerts issued by the California Independent System Operator, 2) under conditions of high forecasted California spot market power prices, 3) to meet annual PDP event limits for a calendar year, or 4) for testing/evaluation purposes.

- i. Program Terms: A customer may opt-out anytime during their initial 12 months on a PDP rate. After the initial 12 months, customer's participation will be in accordance with Electric Rule 12.

Customers may opt-out of a PDP rate at anytime to enroll in another demand response program beginning May 1, 2011.

- j. Interaction with Other PG&E Demand Response Programs: Pursuant to D.18-11-029, customers on a PDP rate may no longer participate in another demand response program offered by PG&E or a third-party demand response provider as of October 26, 2018. If dual enrolled in BIP and PDP prior to October 26, 2018 then participation will be capped at the customer's subscribed megawatt level as of December 10, 2018. New dual enrollment in BIP and PDP as of October 26, 2018 is no longer available. If a NEM customer is on PDP, the customer cannot participate in a third party Demand Response program unless it ceases to be a PDP customer. If a third party signs a NEM customer up under Rule 24 at the CAISO, the customer is automatically removed from PDP.



ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 22

2019.
Option R

The Option R rate is available to qualifying customers with PV systems that provide 15% or more of their annual electricity usage¹ as described below. No Benefitting* or Aggregated* account is eligible for Option R unless there is PV interconnected at that account that independently meets the requirements of Option R. i.e., the PV interconnected on that account meets 15% of the load at that account.

(T)

Customers:

- a) Installing a new PV system with no existing generation or with existing non-PV generation; or
- b) With existing PV and non-PV generation (as an existing NEMMT)

Must meet the following eligibility requirement:

$$\frac{\text{Annual PV system output}_2}{\text{Annual electricity usage}_1} \geq 15 \%$$

Customers:

- a) With an existing PV system, that are installing new PV system
- b) Adding new solar to existing PV and Non-PV generation

Must meet the following eligibility requirement:

$$\frac{\text{Annual PV system (new + existing) output}_2}{\text{Annual PV system (new + existing) output}_2 + \text{Annual electricity usage}_1} \geq 15 \%$$

* Benefitting and Aggregated accounts are defined in rate schedules that allows for such accounts for example, NEM2, RES-BCT and other tariffs.

¹ Annual electricity usage (kWh): for customers with no generation will be the most recent usage over twelve billing periods, and for customers with existing generation it will be the net of imports and exports (if any, for all generators), measured at the PG&E meter over the most recent 12 billing periods. In cases where the most recent 12-month usage is not available PG&E will offer an alternate method.

² Annual PV system Output (kWh) = CEC_{AC} rating of the panels (kW) * 8760 hours/year * 18% capacity factor where:

$$\text{CEC}_{AC} \text{ Rating of the panels (kW)} = \frac{\text{Quantity of PV Modules (W)} \times \text{PTC Rating of PV Modules} \times \text{CEC Inverter Efficiency Rating}}{1000}$$

1000

Where the PTC and CEC inverter Efficiency Rating can be found at:

The PTC rating can be found here:

http://www.gosolarcalifornia.ca.gov/equipment/documents/PV_Module_List_Simplified_Data.xlsx

and the CEC inverter efficiency rating here:

http://www.gosolarcalifornia.ca.gov/equipment/documents/Inverter_List_Simplified_Data.xlsx

The above Annual PV System Output formula can be modified based on the following alternatives:

- a) For customers with existing PV system, the customer may choose to supply PG&E with reliable metered data measuring Annual PV system Output, if such data is available.
- b) Customers with trackers can use the alternate capacity factors of:

Have single axis	21%
Have dual axis	24%

(Continued)



ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 23

201. OPTIMAL BILLING PERIOD SERVICE:

The Optimal Billing Period (OBP) service is a voluntary program available to bundled, direct access and community choice aggregation customers taking service on Schedule AG-5 (C) and (F) rates, Schedule E-19 or Schedule E-20. To qualify, a meter must have registered a demand of 500 kW or greater at least once during the most recent 12 months. The OBP service is limited to 50 service accounts with interval billed meters.

Customers electing this service must complete the "Optimal Billing Period Service Election Form" (Form 79-1111).

Decision 18-08-013 expanded the eligibility of OBP to Schedule E-19 (above 500 kW as defined above), Schedule E-20, and to direct access and community choice aggregation customers taking service on eligible schedules. Decision 18-08-013 retained the participation cap of 50 positions, and reserved 36 positions for agricultural accounts, and 14 positions for commercial and industrial accounts. Before declining participation of any otherwise eligible account based on these participation limits, PG&E will verify that all other enrolled accounts are still eligible for the program.

Customers on net energy metering Schedules VNEM, NEMBIO, NEMFC, NEMCCSF, NEMA or RES-BCT are not eligible for OBP service.

The OBP service allows a billing cycle(s) to coincide with the customer's high seasonal production cycle. The customer designates the OBP by selecting one or both of the following:

- a) a specific month and day for the start of the OBP; and/or
- b) a specific month and day for the end of the OBP.

PG&E will use the customer's usage from the preceding twelve (12) billing months to determine eligibility for the OBP service. To qualify, the average of the previous high season monthly maximum demand must be at least double the average of the low season monthly maximum demand. The customer must also specify which six consecutive months will be their high season optimal billing period.

The start and end dates must fall within the customer's high seasonal production cycle. In no event shall any revised billing period exceed forty-five (45) days or be less than fifteen (15) days. To qualify for this option, the customer must designate an OBP of not more than six (6) months in duration.

To designate the specific date for the start or end of the OBP, a participating customer must email PG&E at least seventy-two (72) hours in advance and such email shall state in its subject line "OBP Notification." The designation may not be implemented if it is not received or if it does not contain the specified information.

(Continued)



ELECTRIC SCHEDULE E-19
MEDIUM GENERAL DEMAND-METERED TOU SERVICE

Sheet 24

201. OPTIMAL BILLING PERIOD SERVICE:
(Cont'd.)

Prior to receiving OBP service, the customer must pay an annual OBP fee of \$160.00 per meter. In order to retain the OBP service option in each subsequent year, the annual participation fee must be received by PG&E by the anniversary date of the contract. PG&E will bill the annual OBP fee upon the anniversary date of the contract unless the customer terminates the contract. For billing purposes, the annual participation fee shall be assigned to Distribution.

(T)

A. No Retroactive Application

No customer shall be entitled to a refund associated with the OBP service for costs that might have been avoided had the service been available at an earlier point in time.

B. Customer Notification to PG&E

A customer must have at least 12 months of usage on a specific meter before the OBP service can be received on that particular meter. Also, a customer must provide notice to PG&E of their intention to obtain OBP service at least ninety (90) days before the start of the program.



ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS of 1000 KILOWATTS or MORE

Sheet 2

1. APPLICABILITY:
(Cont'd.)

Definition of Maximum Demand: Demand will be averaged over 15-minute intervals. "Maximum demand" will be the highest of all the 15-minute averages for the billing month. If the customer's use of electricity is intermittent or subject to severe fluctuations, a 5-minute interval may be used. If the customer has any welding machines, the diversified resistance welder load, calculated in accordance with Section J of Rule 2, will be considered the maximum demand if it exceeds the maximum demand that results from averaging the demand over 15-minute intervals. The customer's maximum-peak-period demand will be the highest of all the 15-minute averages for the peak period during the billing month. (See Section 6 for a definition of "Peak-Period.")

Standby Demand: For customers for whom Schedule S—Standby Service Special Conditions 1 through 6 apply, standby demand is the portion of a customer's maximum demand in any month caused by nonoperation of the customer's alternate source of power, and for which a demand charge is paid under the regular service schedule.

If the customer imposes standby demand in any month, then the regular service maximum demand charge will be reduced by the applicable reservation capacity charge (see Schedule S Special Condition 1).

To qualify for the above reduction in the maximum demand charge, the customer must, within 30 days of the regular meter read date, demonstrate to the satisfaction of PG&E the amount of standby demand in any month. This may be done by submitting to PG&E a completed Electric Standby Service Long Sheet (Form 79-726).

~~**Solar or Fuel Cell Generation Demand Adjustment:** A customer who installs a solar electric generation facility on or after January 1, 2007, or fuel cell electric generation facility may be eligible to receive a Generation Demand Adjustment. A customer will qualify for a Generation Demand Adjustment if both of the following conditions are met: (1) either the customer's solar electric generating facility was installed after January 1, 2007, or the customer's fuel cell electric generation facility was installed (and approved for interconnection by PG&E); and (2) the electric generation facility reduces the customer's maximum demand to the point that the customer would no longer be eligible for service under this schedule. The Generation Demand Adjustment will be the fixed reduction in demand as determined by PG&E from the customer's interconnection agreement, and will be added to the customer's maximum demand for the sole purpose of determining the customer's eligibility for Schedule E-20.~~

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The Generation Demand Adjustment does not specifically guarantee the customer's continued eligibility for service under this schedule nor will it be applied to the customer's maximum demand for purposes of calculating the monthly maximum demand charge.

~~The Generation Demand Adjustment for solar generating facilities will terminate on December 31, 2016.~~

(D)
(D)

Option R for Solar: The Option R rate is available to qualifying customers taking Bundled, DA and CCA service under Schedule E-20. Eligible customers must have, with solar photovoltaic (PV) systems that provide 15% or more of their annual electricity usage. For additional Option R details and program specifics, see Sections 3 and 18.

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(T)

2. TERRITORY: Schedule E-20 applies everywhere PG&E provides electric service.

(Continued)

Advice
Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

Submitted
Effective
Resolution



ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

Sheet 3

3. 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. (T) (T)

TOTAL RATES

	Secondary Voltage	Primary Voltage	Transmission Voltage
<u>Total Customer/Meter Charge Rates</u>			
Customer Charge Mandatory E-20 (\$ per meter per day)	\$39.42505	\$49.28131	\$65.70842
<u>Total Demand Rates (\$ per kW)</u>			
Maximum Peak Demand Summer	\$20.50	\$21.99	\$18.81
Maximum Part-Peak Demand Summer	\$5.63	\$5.81	\$4.48
Maximum Demand Summer	\$19.24	\$16.91	\$9.68
Maximum Part-Peak Demand Winter	\$0.05	\$0.13	\$0.00
Maximum Demand Winter	\$19.24	\$16.91	\$9.68
<u>Total Energy Rates (\$ per kWh)</u>			
Peak Summer	\$0.15924	\$0.16127	\$0.11214
Part-Peak Summer	\$0.11588	\$0.11356	\$0.09767
Off-Peak Summer	\$0.08611	\$0.08422	\$0.07851
Part-Peak Winter	\$0.10958	\$0.10728	\$0.09994
Off-Peak Winter	\$0.09345	\$0.09143	\$0.08523
Power Factor Adjustment Rate (\$/kWh/%)	\$0.00005	\$0.00005	\$0.00005
<u>PDP Rates</u>			
<u>PDP Charges (\$ per kWh)</u>			
All Usage During PDP Event	\$1.20	\$1.20	\$1.20
<u>PDP Credits</u>			
<u>Demand (\$ per kW)</u>			
Peak Summer	(\$5.11)	(\$5.55)	(\$5.76)
Part-Peak Summer	(\$1.26)	(\$1.31)	(\$1.37)
<u>Energy (\$ per kWh)</u>			
Peak Summer	\$0.00000	\$0.00000	\$0.00000
Part-Peak Summer	\$0.00000	\$0.00000	\$0.00000

Total bundled service charges shown on customers' bills are unbundled according to the component rates shown below. PDP charges and credits are all generation and are not included below.

(Continued)

Advice
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Vice President, Regulatory Affairs

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ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS of 1000 KILOWATTS or MORE

Sheet 8

4. METERING REQUIREMENTS:

An interval data meter that measures and registers the amount of electricity a customer uses and can be read remotely by PG&E is required for all customers on this schedule. ~~A Meter Data Management Agent (MDMA) may also read the customer's meter on behalf of the customer's Energy Service Provider (ESP) if a customer is receiving Direct Access Service. For customers taking service under the provisions of Direct Access, see Electric Rule 22 for metering requirements~~

(D)
(D)
(T)
(T)

~~For bundled service customers with a maximum demand of 200 kW or greater for three consecutive months, PG&E will provide and install the interval data meter at no cost to the customer. The installation of an interval data meter for customers taking service under the provisions of Direct Access is the responsibility of the customer's Energy Service Provider, or their Agent, and must be installed in accordance with Electric Rule 22.~~

(D)
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~~Customers who also request any meter data management services, must also sign an Interval Meter Data Management Service Agreement (Form 79-985) and must have an appropriate interval data meter.~~

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(D)

5. DEFINITION OF SERVICE VOLTAGE:

The following defines the three voltage classes of Schedule E-20 rates. Standard Service Voltages are listed in Rule 2.

- a. Secondary: This is the voltage class if the service voltage is less than 2,400 volts or if the definitions of "primary" and "transmission" do not apply to the service.
- b. Primary: This is the voltage class if the customer is served from a "single customer substation" or without transformation from PG&E's serving distribution system at one of the standard primary voltages specified in PG&E's Electric Rule 2, Section B.1.
- c. Transmission: This is the voltage class if the customer is served without transformation at one of the standard transmission voltages specified in PG&E's Electric Rule 2, Section B.1.

(Continued)

Advice Decision

Issued by
Robert S. Kenney
Vice President, Regulatory Affairs

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ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

Sheet 11

112. BILLING:

A customer's bill is calculated based on the option applicable to the customer. (T)

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	Secondary Voltage	Primary Voltage	Transmission Voltage
Energy Cost Recovery Amount Charge (per kWh)	(\$0.00057)	(\$0.00057)	(\$0.00057)
DWR Bond Charge (per kWh)	\$0.00503	\$0.00503	\$0.00503
CTC Rate (per kWh)	\$0.00100	\$0.00094	\$0.00088
Power Charge Indifference Adjustment (per kWh)			
2009 Vintage	\$0.02032	\$0.01907	\$0.01795
2010 Vintage	\$0.02345	\$0.02200	\$0.02070
2011 Vintage	\$0.02438	\$0.02287	\$0.02152
2012 Vintage	\$0.02542	\$0.02385	\$0.02243
2013 Vintage	\$0.02560	\$0.02401	\$0.02259
2014 Vintage	\$0.02562	\$0.02403	\$0.02260
2015 Vintage	\$0.02567	\$0.02408	\$0.02265
2016 Vintage	\$0.02556	\$0.02397	\$0.02255
2017 Vintage	\$0.02561	\$0.02402	\$0.02259
2018 Vintage	\$0.02568	\$0.02409	\$0.02266
2019 Vintage	\$0.02731	\$0.02561	\$0.02405

(Continued)



ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

Sheet 12

123. CARE DISCOUNT FOR NONPROFIT GROUP-LIVING AND SPECIAL EMPLOYEE HOUSING FACILITIES:

Facilities which meet the eligibility criteria in Rule 19.2 or 19.3 are eligible for a California Alternate Rates for Energy discount under Schedule E-CARE. CARE customers are exempt from paying the DWR Bond Charge. For CARE customers, no portion of the rates shall be used to pay the DWR Bond Charge. Generation is calculated residually based on the total rate less the sum of the following: Transmission, Transmission Rate Adjustments, Reliability Services, Distribution, Public Purpose Programs, Nuclear Decommissioning, Competition Transition Charge (CTC), and Energy Cost Recovery Amount.

(T)

134. ELECTRIC EMERGENCY PLAN ROTATING BLOCK OUTAGES:

See Electric Rule 14.

(T)

145. STANDBY APPLICABILITY:

SOLAR GENERATION FACILITIES EXEMPTION: Customers who utilize solar generating facilities which are less than or equal to one megawatt to serve load and who do not sell power or make more than incidental export of power into PG&E's power grid and who have not elected service under Schedule NEM, will be exempt from paying the otherwise applicable standby reservation charges.

(T)

DISTRIBUTED ENERGY RESOURCES EXEMPTION: Any customer under a time-of-use (TOU) rate schedule using electric generation technology that meets the criteria as defined in Electric Rule 1 for Distributed Energy Resources is exempt from the otherwise applicable standby reservation charges. Customers qualifying for this exemption shall be subject to the following requirements. Customers qualifying for an exemption from standby charges under Public Utilities (PU) Code Sections 353.1 and 353.3, as described above, must take service on a TOU schedule in order to receive this exemption until a real-time pricing program, as described in PU Code 353.3, is made available. Once available, customers qualifying for the standby charge exemption must participate in the real-time program referred to above. Qualification for and receipt of this distributed energy resources exemption does not exempt the customer from metering charges applicable to TOU and real-time pricing, or exempt the customer from reasonable interconnection charges, non-bypassable charges as required in Preliminary Statement BB - *Competition Transition Charge Responsibility for All Customers and CTC Procurement*, or obligations determined by the Commission to result from participation in the purchase of power through the California Department of Water Resources, as provided in PU Code Section 353.7.

(Continued)



ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

Sheet 13

156. DWR BOND CHARGE:

The Department of Water Resources (DWR) Bond Charge was imposed by California Public Utilities Commission Decision 02-10-063, as modified by Decision 02-12-082, and is property of DWR for all purposes under California law. The Bond Charge applies to all retail sales, excluding CARE and Medical Baseline sales. The DWR Bond Charge (where applicable) is included in customers' total billed amounts.

(T)

167. PEAK DAY PRICING DETAILS:

a. Default Provision: Decision 18-08-013 adopted new TOU periods for all non-residential customer classes. The Decision also suspends the default of eligible E-20 customers to PDP beginning November 1, 2018 until rates with new TOU periods, as adopted in the same Decision, become mandatory. The rates with new TOU periods are expected to become mandatory for medium and large C&I customers in November 2020, concurrent with the resumption of the default of eligible customers to PDP.

(T)

The default of eligible customers to PDP will occur once per year with the start of their billing cycle on or after November 1. Eligible customers will have at least 45-days notice prior to their planned default date when they may opt-out of PDP rates to take service on TOU rates. During the 45-day period, customers will continue to take service on their non-PDP rate. Customers will be defaulted to PDP unless they opt-out to a TOU rate at least five (5) days prior to their planned default date. Existing customers on a PDP rate eligible demand response program will have the option to enroll.

Bundled service Net Energy Metering (NEM) customers taking service on Schedule NEM, NEMV, NEMVMASH, NEM2, NEM2V, or NEM2VMSH are eligible for default and opt-in PDP. NEM customers on NEMBIO, NEMFC, NEMCCSF, and NEMA are not eligible for PDP. The NEM Annual True-Up billing date, and the first year PDP Bill Stabilization date in 17.c, may be independent 12 month periods. After the first year on PDP, NEM credits can offset PDP charges. All PDP billing for NEM customers will be based on net usage during each 15-minute interval. Net positive usage above the CRL, as well as net exports in excess of the CRL, in each 15-minute interval will be subject to PDP credits and charges as applicable.

b. Capacity Reservation Level: Customers may elect a capacity reservation level (CRL) and pay for a fixed level of capacity, specified in kW. While the CRL is applicable year round, customers electing a CRL will be billed under a take-or-pay basis up to the specified CRL under the non-PDP rate of this schedule during the summer period (May 1 through October 31). This means that customers will be billed for summer peak generation demand charges up to the level of their CRL, even in summer months when the actual demand might be less than their CRL. Customers will receive PDP credits on summer usage above the CRL on all summer period days. All usage during a PDP event protected under the CRL will be billed at the non-PDP rate. All usage above the CRL (as measured in 15-minute intervals), and not protected during a PDP event, will be billed at the PDP rate.

If a customer fails to elect an initial CRL, the customer's initial CRL will be set at 50% of its most recent six (6) summer months' average peak-period maximum demand and may go back to the previous year to make a full summer season (if available). If the customer has not established any historic summer billing demand, the CRL will be set at zero (0). The CRL for all customers, including NEM customers, must be greater than or equal to zero (0).

A customer may only elect to change their CRL once every 12 months.

(Continued)



ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS of 1000 KILOWATTS or MORE

Sheet 14

167. PEAK DAY PRICING DETAILS (continued):

- d. Bill Stabilization: PDP customers will be offered bill stabilization for the initial twelve (12) months unless they opt-out during their initial 45-day period. Bill stabilization ensures that during the initial 12 months under PDP, the customer will not pay more than it would have had it opted-out to the applicable TOU rate.

(T)

If a customer terminates its participation on the PDP rate prior to the initial 12 month period expiring, the customer will receive bill stabilization up to the date when the customer terminates its participation. Bill stabilization benefits will be computed on a cumulative basis, based on the earlier of 1) when a customer terminates its participation on the PDP rate or 2) at the end of the initial 12-month period. Any applicable credits will be applied to the customer's account on a subsequent regular bill. Bill stabilization is only available one time per customer. If a customer unenrolls or terminates its participation on a PDP rate, bill stabilization will not be offered again.

- d. Notification Equipment: Customers, at their expense, must have access to the Internet and an e-mail address or a phone number to receive notification of a PDP event. In addition, all customers can have, at their expense, an alphanumeric pager or cellular telephone that is capable of receiving a text message sent via the Internet, and/or a facsimile machine to receive notification messages.

If a PDP event occurs, customers will be notified using one or more of the above-mentioned systems. Receipt of such notice is the responsibility of the participating customer. PG&E will make reasonable efforts to notify customers; however it is the customer's responsibility to maintain accurate notification contact information, receive such notice and to check the PG&E website to see if an event is activated. PG&E does not guarantee the reliability of the phone, text messaging, e-mail system or Internet site by which the customer receives notification.

PG&E may conduct notification test events once a month to ensure a customer's contact information is up to date. These are not actual PDP events and no load reduction is required.

- e. Demand Response Operations Website: Customers can use PG&E's demand response operations website located at <https://inter-act.pge.com> for load curtailment event notifications and communications.

The customer's actual energy usage is available at PG&E's demand response operations website. This data may not match billing quality data, and the customer understands and agrees that the data posted to PG&E's demand response operations website may be different from the actual bill.

- f. Program Operations: A maximum of fifteen (15) PDP events and a minimum of nine (9) PDP events may be called in any calendar year. PG&E will notify customers by 2:00 p.m. on a day-ahead basis when a PDP event will occur the next day. The PDP program will operate year-round and PDP events may be called for any day of the week. PDP events will be called from 2:00 p.m. to 6:00 p.m.
- g. Event Cancellation: PG&E may initiate the cancellation of a PDP event before 4:00 p.m. the day-ahead of a noticed PDP event. If PG&E cancels an event, it will count the cancelled event toward the PDP limits.

(Continued)



ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

Sheet 15

167. PEAK DAY PRICING DETAILS (continued):

h. Event Trigger: PG&E will trigger a PDP event when the day-ahead temperature forecast trigger is reached. The trigger will be the average of the day-ahead maximum temperature forecasts for San Jose, Concord, Red Bluff, Sacramento and Fresno.

(T)

Beginning May 1 of each summer season, the PDP events on non-holiday weekdays will be triggered at 98 degrees Fahrenheit (°F), and will be triggered at 105°F on holidays and weekends. If needed, PG&E will adjust the non-holiday weekday trigger up or down over the course of the summer to achieve the range of 9 to 15 PDP events in any calendar year. Such adjustments would be made no more than twice per month and would be posted to the demand response operations website.

PDP events may also be initiated as warranted on a day-ahead basis by 1) extreme system conditions such as special alerts issued by the California Independent System Operator, 2) under conditions of high forecasted California spot market power prices, 3) to meet annual PDP event limits for a calendar year, or 4) for testing/evaluation purposes.

i. Program Terms: A customer may opt-out anytime during their initial 12 months on a PDP rate. After the initial 12 months, customer's participation will be in accordance with Electric Rule 12.

Customers may opt-out of a PDP rate at anytime to enroll in another demand response program beginning May 1, 2011.

j. Interaction with Other PG&E Demand Response Programs: Pursuant to D.18-11-029, customers on a PDP rate may no longer participate in another demand response program offered by PG&E or a third-party demand response provider as of October 26, 2018. If dual enrolled in BIP and PDP prior to October 26, 2018 then participation will be capped at the customer's subscribed megawatt level as of December 10, 2018. New dual enrollment in BIP and PDP as of October 26, 2018 is no longer available. If a NEM customer is on PDP, the customer cannot participate in a third party Demand Response program unless it ceases to be a PDP customer. If a third party signs a NEM customer up under Rule 24 at the CAISO, the customer is automatically removed from PDP.



ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

Sheet 16

178. Option R The Option R rate is available to qualifying customers with PV systems that provide 15% or more of their annual electricity usage¹ as described below. No Benefitting* or Aggregated* account is eligible for Option R unless there is PV interconnected at that account that independently meets the requirements of Option R. i.e., the PV interconnected on that account meets 15% of the load at that account. (T)

Customers:

- a) Installing a new PV system with no existing generation or with existing non-PV generation; or
- b) With existing PV and non-PV generation (as an existing NEMMT)

Must meet the following eligibility requirement:

$$\frac{\text{Annual PV system output}_2}{\text{Annual electricity usage}_1} \geq 15 \%$$

Customers:

- a) With an existing PV system, that are installing new PV system
- b) Adding new solar to existing PV and Non-PV generation

Must meet the following eligibility requirement:

$$\frac{\text{Annual PV system (new + existing) output}_2}{\text{Annual PV system (new + existing) output}_2 + \text{Annual electricity usage}_1} \geq 15 \%$$
 (T)

* Benefiting and Aggregated accounts are defined in rate schedules that allows for such accounts for example, NEM2, RES-BCT and other tariffs.

¹ Annual electricity usage (kWh): for customers with no generation will be the most recent usage over twelve billing periods, and for customers with existing generation it will be the net of imports and exports (if any, for all generators), measured at the PG&E meter over the most recent 12 billing periods. In cases where the most recent 12-month usage is not available PG&E will offer an alternate method.

² Annual PV system Output (kWh) = CEC_{AC} rating of the panels (kW) * 8760 hours/year * 18% capacity factor where:

$$\text{CEC}_{AC} \text{ Rating of the panels (kW)} = \frac{(\text{Quantity of PV Modules (W)} \times \text{PTC Rating of PV Modules} \times \text{CEC Inverter Efficiency Rating})}{1000}$$
 (T)

Where the PTC and CEC inverter Efficiency Rating can be found at:

The PTC rating can be found here:

http://www.gosolarcalifornia.ca.gov/equipment/documents/PV_Module_List_Simplified_Data.xlsx

and the CEC inverter efficiency rating here:

http://www.gosolarcalifornia.ca.gov/equipment/documents/Inverter_List_Simplified_Data.xlsx

The above Annual PV System Output formula can be modified based on the following alternatives:

- a) For customers with existing PV system, the customer may choose to supply PG&E with reliable metered data measuring Annual PV system Output, if such data is available.
- b) Customers with trackers can use the alternate capacity factors of:

Have single axis	21%
Have dual axis	24%

(Continued)



ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

Sheet 17

189. OPTIMAL BILLING PERIOD SERVICE:

The Optimal Billing Period (OBP) service is a voluntary program available to bundled, direct access and community choice aggregation customers taking service on Schedule AG-5 (C) and (F) rates, Schedule E-19 or Schedule E-20. To qualify, a meter must have registered a demand of 500 kW or greater at least once during the most recent 12 months. The OBP service is limited to 50 service accounts with interval billed meters.

(T)

Customers electing this service must complete the "Optimal Billing Period Service Election Form" (Form 79-1111).

Decision 18-08-013 expanded the eligibility of OBP to Schedule E-19 (above 500 kW as defined above), Schedule E-20, and to direct access and community choice aggregation customers taking service on eligible schedules. Decision 18-08-013 retained the participation cap of 50 positions, and reserved 36 positions for agricultural accounts, and 14 positions for commercial and industrial accounts. Before declining participation of any otherwise eligible account based on these participation limits, PG&E will verify that all other enrolled accounts are still eligible for the program.

Customers on net energy metering Schedules VNEM, NEMBIO, NEMFC, NEMCCSF, NEMA or RES-BCT are not eligible for OBP service.

The OBP service allows a billing cycle(s) to coincide with the customer's high seasonal production cycle. The customer designates the OBP by selecting one or both of the following:

- a) a specific month and day for the start of the OBP; and/or
- b) a specific month and day for the end of the OBP.

PG&E will use the customer's usage from the preceding twelve (12) billing months to determine eligibility for the OBP service. To qualify, the average of the previous high season monthly maximum demand must be at least double the average of the low season monthly maximum demand. The customer must also specify which six consecutive months will be their high season optimal billing period.

The start and end dates must fall within the customer's high seasonal production cycle. In no event shall any revised billing period exceed forty-five (45) days or be less than fifteen (15) days. To qualify for this option, the customer must designate an OBP of not more than six (6) months in duration.

To designate the specific date for the start or end of the OBP, a participating customer must email PG&E at least seventy-two (72) hours in advance and such email shall state in its subject line "OBP Notification." The designation may not be implemented if it is not received or if it does not contain the specified information.

(Continued)



ELECTRIC SCHEDULE E-20
SERVICE TO CUSTOMERS WITH MAXIMUM
DEMANDS of 1000 KILOWATTS or MORE

Sheet 18

189. OPTIMAL
BILLING
PERIOD
SERVICE:
(Cont'd.)

Prior to receiving OBP service, the customer must pay an annual OBP fee of \$160.00 per meter. In order to retain the OBP service option in each subsequent year, the annual participation fee must be received by PG&E by the anniversary date of the contract. PG&E will bill the annual OBP fee upon the anniversary date of the contract unless the customer terminates the contract. For billing purposes, the annual participation fee shall be assigned to Distribution.

(T)

A. No Retroactive Application

No customer shall be entitled to a refund associated with the OBP service for costs that might have been avoided had the service been available at an earlier point in time.

B. Customer Notification to PG&E

A customer must have at least 12 months of usage on a specific meter before the OBP service can be received on that particular meter. Also, a customer must provide notice to PG&E of their intention to obtain OBP service at least ninety (90) days before the start of the program.



**ELECTRIC SCHEDULE EDR
ECONOMIC DEVELOPMENT RATE**

Sheet 3

RATES:
(Cont'd.)

If the cap on a higher rate reduction tier is exhausted, a customer may qualify for a lower tier per Section 7 below.

This rate reduction for either the Standard EDR Option, Mid-Enhanced EDR Option, or the Enhanced EDR Option shall be calculated on the rate components of the customer's bill that correlate to services PG&E provides the customer.

For bundled customers, the appropriate rate reduction, either 12, 18 or 25 percent, will be applied to the total net bundled charges (i.e., including the generation charges) after application of any applicable rider tariffs, excluding taxes. Net charges before taxes include Peak Day Pricing (PDP) charges/credits, Demand Response Program benefits/charges, Net-Energy Metering (NEM) credits, etc. The amount of the rate reduction will then be allocated to reduce the customer's OAT generation and distribution charges. Specifically, the amount of the rate reduction will be allocated to reduce the OAT generation and distribution in the following proportions based on each customer's service voltage.

	Transmission	Primary	Secondary
Generation	95%	70%	60%
Distribution	5%	30%	40%

For ~~d~~Direct ~~a~~Access (DA) and ~~e~~Community ~~e~~Choice ~~a~~Aggregation (CCA) customers, the rate reduction on distribution charges for a similarly situated bundled customer will be applied to the net charges owed to the utility, ~~excluding taxes~~. The net charges owed to the utility exclude generation charges, but includes generation-related charges applicable to ~~direct access-DA~~ and ~~community-choice aggregation-CCA~~ customers such as the Power Charge Indifference Adjustment (PCIA).

The ~~direct access-DA~~ and ~~community-choice aggregation-CCA~~ rate reduction will be developed by first calculating the net bundled charges under the OAT, and then applying the rate reduction to generation and distribution in the manner described above. The resulting distribution charge will be the distribution charge applicable to ~~direct access-DA~~ and ~~community-choice aggregation-CCA~~ customers. And, therefore, the amount of the EDR rate reduction for ~~direct access-DA~~ and ~~community-choice aggregation-CCA~~ customers will be equal to the difference between the customer's OAT distribution charge and the distribution charge resulting from the calculation above.

For cases of customer expansion or retention where only part of the customer's load qualifies under the Applicability section above, the rate reduction will be applied only to that portion of demand and usage added or retained.

(Continued)



**ELECTRIC SCHEDULE E-FERA
FAMILY ELECTRIC RATE ASSISTANCE**

Sheet 1

APPLICABILITY: This schedule is applicable to single-phase and polyphase residential ~~bundled~~ service in single-family dwellings and in flats and apartments separately metered by PG&E and domestic submetered tenants residing in multifamily accommodations, mobilehome parks and to qualifying recreational vehicle parks and marinas and to farm service on the premises operated by the person whose residence is supplied through the same meter where the applicant qualified for Family Electric Rate Assistance (FERA) under the eligibility and certification criteria set forth below in Special Conditions 2 and 3.

(T)

All individually meter customers and submetered tenants must have a total gross annual household income of between 200%+\$1 and 250% of federal poverty guidelines and have three or more persons residing full time in their household for that household to receive benefit of Schedule E-FERA.

TERRITORY: This rate schedule applies everywhere PG&E provides electric service.

RATES: Customers taking service on this rate schedule will receive a 18 percent discount on their total bundled charges on their otherwise applicable rate schedule. In addition, customers will receive a 50 percent discount on the delivery minimum bill amount, if applicable, and a discount amount equal to 18 percent of the associated generation charges. The FERA discount will be calculated for direct access and community choice aggregation customers based on the total charges as if they were subject to bundled service rates. Discounts will be applied as a reduction to distribution charges. These conditions also apply to master-metered customers and to qualified sub-metered tenants where the master-meter customer is served under PG&E's Rate Schedule ES, ESL, ESR, ESRL, ET, or ETL.

For master-metered customers, the FERA discount is equal to 18 percent of the total ~~non-CARE portion of~~ bundled charges, multiplied by the number of FERA units divided by the number of non-CARE units.

(T)
(T)

- SPECIAL CONDITIONS:**
- 1. OTHERWISE APPLICABLE SCHEDULE:** The Special Conditions of the Customer's otherwise applicable rate schedule will apply to this schedule.
 - 2. ELIGIBILITY:** To be eligible to receive E-FERA the applicant must qualify under the criteria set forth below and meet the certification requirements thereof to the satisfaction of PG&E. Qualifying Direct Access, Community Choice Aggregation Service, and Transitional Bundled Service customers are also eligible to take service on Schedule E-FERA. Applicants may qualify for E-FERA at their primary residence only. Customers or sub-metered tenants participating in the California Alternate Rates for Energy (CARE) program cannot concurrently participate in the FERA program. Master-metered customers without sub-metering on Schedule EM or EM TOU are ineligible to participate in the FERA program. In addition, non-residential customers taking service on Schedule E-CARE are categorically ineligible to take service on Schedule E-FERA.

(Continued)



ELECTRIC SCHEDULE EL-TOU
RESIDENTIAL CARE PROGRAM TIME-OF-USE SERVICE

Sheet 5

the SPECIAL
CONDITIONS:

1. OPTION A BASELINE (TIER 1) QUANTITIES: The following quantities of electricity are to be used to define usage eligible for the baseline credit (also see Rule 19 for additional allowances for medical needs):

BASELINE QUANTITIES (kWh PER DAY)

Baseline Territory*	Code B - Basic Quantities				Code H - All-Electric Quantities			
	Summer		Winter		Summer		Winter	
	Tier I		Tier I		Tier I		Tier I	
P	14.2	(R)	12.0	(I)	16.0	(R)	27.4	(R)
Q	10.3	(I)	12.0	(I)	8.9	(I)	27.4	(R)
R	18.6	(I)	11.3	(I)	20.9	(I)	28.1	(R)
S	15.8	(I)	11.1	(R)	18.7	(I)	24.9	(R)
T	6.8	(R)	8.2		7.5	(R)	13.6	(R)
V	7.5	(R)	8.8	(R)	10.9	(R)	16.9	(R)
W	20.2	(I)	10.7	(I)	23.6	(I)	20.0	(R)
X	10.3	(R)	10.5	(R)	8.9	(R)	15.4	(R)
Y	11.0	(I)	12.1	(I)	12.6	(R)	25.3	(R)
Z	6.2		8.1	(R)	7.0	(R)	16.5	(R)

OPTION B BASELINE QUANTITIES – Option B is a non-tiered rate option with no associated baseline quantities and as such is not eligible for Medical Baseline adjustments.

(N)
↓
(N)

2. TIME PERIODS FOR OPTION A: Times of the year and times of the day are defined as follows:¹

Summer (service from June 1 through September 30):

Peak: 3:00 p.m. to 8:00 p.m. Monday through Friday

Off-Peak: All other times including Holidays.

Winter (service from October 1 through May 31):

Peak: 3:00 p.m. to 8:00 p.m. Monday through Friday

Off-Peak: All other times including Holidays.

Holidays: "Holidays" for the purposes of this rate schedule are New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, and Christmas Day. The dates will be those on which the holidays are legally observed.

¹ For Option A, these TOU time periods will be in effect through December 31, 2019. Beginning January 1, 2020, the Option A TOU time periods will be identical to the time periods shown for Option B.

* The applicable baseline territory is described in Part A of the Preliminary Statement.

(Continued)



**ELECTRIC SCHEDULE E-TOU
RESIDENTIAL TIME-OF-USE SERVICE**

Sheet 5

SPECIAL CONDITIONS:

1. **OPTION A BASELINE (TIER 1) QUANTITIES:** The following quantities of electricity are to be used to define usage eligible for the baseline credit (also see Rule 19 for additional allowances for medical needs):

BASELINE QUANTITIES (kWh PER DAY)

Baseline Territory*	Code B - Basic Quantities				Code H - All-Electric Quantities			
	Summer Tier I		Winter Tier I		Summer Tier I		Winter Tier I	
P	14.2	(R)	12.0	(I)	16.0	(R)	27.4	(R)
Q	10.3	(I)	12.0	(I)	8.9	(I)	27.4	(R)
R	18.6	(I)	11.3	(I)	20.9	(I)	28.1	(R)
S	15.8	(I)	11.1	(R)	18.7	(I)	24.9	(R)
T	6.8	(R)	8.2	(R)	7.5	(R)	13.6	(R)
V	7.5	(R)	8.8	(R)	10.9	(R)	16.9	(R)
W	20.2	(I)	10.7	(I)	23.6	(I)	20.0	(R)
X	10.3	(R)	10.5	(R)	8.9	(R)	15.4	(R)
Y	11.0	(I)	12.1	(I)	12.6	(R)	25.3	(R)
Z	6.2		8.1	(R)	7.0	(R)	16.5	(R)

OPTION B BASELINE QUANTITIES – Option B is a non-tiered rate option with no associated baseline quantities and as such is not eligible for Medical Baseline adjustments.

(N)
|
(N)

2. **TIME PERIODS FOR OPTION A:** Times of the year and times of the day are defined as follows:¹

Summer (service from June 1 through September 30):

Peak: 3:00 p.m. to 8:00 p.m. Monday through Friday

Off-Peak: All other times including Holidays.

Winter (service from October 1 through May 31):

Peak: 3:00 p.m. to 8:00 p.m. Monday through Friday

Off-Peak: All other times including Holidays.

Holidays: "Holidays" for the purposes of this rate schedule are New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, and Christmas Day. The dates will be those on which the holidays are legally observed.

¹ For Option A, these TOU time periods will be in effect through December 31, 2019. Beginning January 1, 2020, the Option A TOU time periods will be identical to the time periods shown for Option B.

* The applicable baseline territory is described in Part A of the Preliminary Statement

(Continued)



**ELECTRIC SCHEDULE EV
RESIDENTIAL TIME-OF-USE
SERVICE FOR PLUG-IN ELECTRIC VEHICLE CUSTOMERS**

Sheet 1

APPLICABILITY: This optional experimental schedule applies to electric service to customers for whom Schedule E-1 applies and who have a currently registered Motor Vehicle, as defined by the California Motor Vehicle Code, which is a battery electric vehicle (BEV) or plug-in hybrid electric vehicle (PHEV) recharged via a recharging outlet at the customer's premises. This schedule is not available to customers with a conventional, charge sustaining (battery recharged solely from the vehicle's on-board generator) hybrid electric vehicle (HEV). Low speed electric vehicles and electrically powered motorcycles or bicycles, as defined by the California Motor Vehicle Code, are not eligible for this rate option. ~~This rate schedule is subject to an enrollment cap of 70,000.~~ Service under this schedule is provided at the sole option of PG&E and based upon the availability of metering equipment and customer infrastructure improvements necessary for charging. Rate A of Schedule EV ~~will be~~ closed to new enrollment ~~on the later of July 1, 2019 or the date the new electric vehicle charging rate adopted by D.18-08-013 is available for enrollment.~~

(D)
(D)
(D)
(D)

Beginning on the later of July 1, 2019 or the date the new electric vehicle charging rate becomes available for enrollment, customers taking service on Rate A or Rate B of this rate schedule cannot exceed 800% of their annual baseline allowance, measured as the total usage for the customer over the last 12 months divided by the total annual baseline allowance using the approved baseline allowances for those months. Customers at premises with total usage in excess of 800 percent of baseline over 12 months will be moved to Schedule E-TOU-B and will be prohibited from taking service on any electric vehicle rate schedule for 12 months. Customers must have 12 months of consecutive usage on this Rate Schedule before being subject to the requirement of being moved from Schedule EV to Schedule E-TOU-B as a result of exceeding the 800 percent of baseline 12-month threshold.

Pursuant to D.17-01-006, as revised by D. 17-02-017 and D. 17-10-018, for grandfathered service, certain solar customers will be allowed to continue service on Rate A of this schedule. Specifically, solar customers that interconnected by December 16, 2016, and elected service under Schedule EV prior to July 31, 2017, are allowed to retain service under this schedule for five years after issuance of the permission to operate, but no later than July 31, 2022. In addition, pursuant to D. 16-01-044, net energy metering customers that interconnected after December 15, 2016 and elected service on Rate Option A of this rate schedule may also continue service on this rate schedule for a period of 5 years from the date the customer commenced service on the NEM 2.0 rate, but no later than ~~July 1, 2024~~ November 30, 2025. Existing EV-A customers seeking to commence service on NEM2.0 rate and continue service on EV-A for up to 5 years must submit an interconnection application by November 30, 2019

(T)
|
(T)

The provisions of Schedule S—Standby Service Special Conditions 1 through 6 shall also apply to customers whose premises are regularly supplied in part (but not in whole) by electric energy from a nonutility source of supply. These customers will pay monthly reservation charges as specified under Section 1 of Schedule S, in addition to all applicable Schedule EV charges. See Special Condition 6 of this rate schedule for exemptions to standby charges.

Depending on the manner in which customers will fuel their vehicle, one of the following rates will apply:

Rate A: Applies to all applicable customers unless they qualify for and choose Rate B.

Rate B: Applies to all applicable customers with a separately metered BEV or PHEV recharging outlet.

TERRITORY: This rate schedule applies everywhere PG&E provides electric service.

(Continued)



**ELECTRIC SCHEDULE S
STANDBY SERVICE**

Sheet 13

SPECIAL
CONDITIONS:
(Cont'd.)

7. SUPPLEMENTAL STANDBY SERVICE (BACKUP REQUIREMENTS):

a. Schedule E-19 ~~and~~, Schedule E-20 ~~and Schedule E-37~~ customers whose nonutility source of generation does not regularly supply all the power necessary at their premises may elect to receive the back-up portion of their total service requirement under Schedule S if the appropriate metering is installed to separately record the net on-site generation and the on-site load. If the customer elects instead to receive all of their service under Schedule E-19 or E-20, however, Special Conditions 1 through 6 of this Schedule will apply to the back-up portion of their load, with a Reservation capacity as determined in accordance with Special Condition 1 of this tariff. (T)(D)

b. Supplemental standby service requires the installation of a load profile recorder. PG&E will install load profile recorders, subject to meter availability. The customer shall provide, install, own, and maintain all facilities necessary to accommodate metering equipment specified by PG&E. An additional charge applies for Supplemental Standby Service. A Supplemental Standby Service Meter Charge will be added to the standby customer's bill in addition to the TOU Energy Charges for back-up requirements, specified in the Rates Section. Supplemental standby service customers will also pay the appropriate rate Schedule E-19, ~~or~~ E-20 ~~or E-37~~ charges, including the Customer Charge, for their supplemental power use. (T)(D)

c. Back-up requirements are the portion of the customer's maximum demand and energy usage in any billing month caused by the nonoperation of the customer's alternative source of power. The customer's Reservation Capacity shall be determined in accordance with Special Condition 1 of this tariff.

The customer's metered reactive power usage will be prorated for the purpose of assigning such usage separately to the customer's bills for backup power and for supplemental power. The Reactive Demand Charge (see Special Condition 2) will be calculated by multiplying the customer's maximum measured reactive demand by the ratio of the current Reservation Capacity and the customer's maximum total kW of backup and supplemental load.

8. EXTENDED OUTAGES: If a customer's generation equipment or alternative supply source is subject to an extended outage, and this outage is expected to persist for at least one complete regular billing cycle, the customer may request alternate billing under the terms of that otherwise-applicable, demand-metered regular service tariff indicated by the customer's current reservation capacity, by providing formal written notification to PG&E. Billing under the indicated otherwise-applicable schedule would begin with the customer's first regular meter read date after the beginning of the outage. After PG&E is notified that the generation equipment has been returned to service, billing under Schedule S will resume as of the last regular meter read date that has preceded resolution of the outage. In the interim, reservation charges as specified under Section 1 of this tariff would not continue to apply to the customer's bill for the duration of the outage. However, all charges from the indicated otherwise-applicable tariff will apply.

(Continued)

ELECTRIC RULE NO. 1
DEFINITIONS

Sheet 4

BEHIND-THE-METER SOLAR TOU PERIOD GRANDFATHERING ELIGIBILITY REQUIREMENTS: (Cont'd)

E. Eligible System

An Eligible System is a solar (PV) generating facility:

- (1) That serves customer load behind-the-same meter as the generating facility. Such Generating Facilities may be taking service on Rate schedules NEM, NEM2, NEMV, NEM2V, NEMVMASH, NEM2VMASH, E-REMAT, RES-BCT, the RAM program, or interconnected under Electric Rule 21 as non-export or uncompensated export; and for which an Initial interconnection application was received by PG&E
 - (a) No later than January 31, 2017; or
 - (b) (for Public Agencies), no later than December 31st, 2017. (Public agency is defined here as public schools, colleges and universities; federal, state, county and city government agencies; municipal utilities; public water and/or sanitation agencies; and joint powers authorities).
- (2) For which PG&E has received evidence of the customer's final inspection clearance from the governmental authority; and
- (3) If the interconnection application was received by PG&E between January 23, 2017 and December 31, 2017, the generating facility must be designed to offset at least 15%¹ of the customer's current load, in a manner with consistent with the Option R requirements in Rate Schedule E19, Special Condition ~~4817~~ 2019. This requirement must be met at the time the Initial Application is filed and PG&E reserves the right to verify this requirement. This requirement will not be retroactively applied to systems where an application to interconnect was received by PG&E prior to January 23, 2017.² (T)

For the purposes of TOU Period Grandfathering, Permission to Operate (PTO) refers to the original permission to operate date as issued by PG&E for the Eligible System. Any subsequent requests to modify that previously approved system do not restart the Transition Mitigation Period once the new PTO is issued nor can any changes alter its original TOU grandfathering eligibility.

¹ For tracking systems, PG&E agrees to use a 21% capacity factor for a single tracker, or 24% for a dual tracker, instead of the 18% in the Option R calculation in E-20 Special Condition ~~4817~~, Footnote 1. ~~PG&E anticipates proposing a similar change to the Option R provisions of E-19 and E-20 in another advice letter~~ (T)(D)
(D)

² PG&E will not apply the 15% load requirement to systems with PTO prior to January 23, 2017, the date of (D.) 17-01-006. The intent of the 15% load requirement was to eliminate the potential for applications submitted after the CPUC's decision was issued on January 23, 2017 seeking to "lock in" a legacy TOU period by installing only a token amount of on-site solar generation.

(Continued)



ELECTRIC RULE NO. 1
DEFINITIONS

Sheet 5

BEHIND-THE-METER SOLAR TOU PERIOD GRANDFATHERING ELIGIBILITY REQUIREMENTS: (Cont'd)

F. Complete Interconnection Application Package

A "Complete Interconnection Application Package" includes all of the following with no deficiencies, or modifications required:

- (1) A completed Interconnection Application including all supporting documents and all required payments; AND
- (2) A completed signed Interconnection Agreement; AND
- (3) Evidence of the customer's final inspection clearance from the governmental authority having jurisdiction over the Electrical Generation Facility.

G. Modifications to Pending Interconnection Request Applying under Fast Track Study

(N)

For the purposes of TOU Period Grandfathering, the initial interconnection application that is submitted by the applicable deadline must remain in compliance with Electric Rule 21 for the duration of the application and receive Permission to Operate (PTO). If an Applicant takes any action beyond what is listed below, the Applicant must withdraw the pending application and reapply. If the corrected application is not resubmitted by the timelines prescribed in the Decision, it is no longer eligible for TOU Period Grandfathering.

Acceptable Changes

(A) Modifying the generating facility size after the initial application has been submitted but prior to any Engineering Review

(B) Decreasing the generating facility size during³ or after an Engineering Review has been completed (prior to PTO)

- If mitigations are required at the customer's expense (e.g., Dedicated Transformer Upgrade), the Applicant may downsize but must do so while accepting the upgrade. If the Applicant requests a restudy to determine whether the mitigation is no longer required after downsizing, they must withdraw and reapply.

(N)

(L)

(L)

³ "During" refers to the time after an Engineering Review has been completed but the result was a failure thereby requiring an Applicant to decide how to proceed.

(Continued)



ELECTRIC RULE NO. 1
DEFINITIONS

Sheet 6

BILLING CYCLE: The regular interval at which a bill for electric service is rendered; typically spans a 27-to-33 day period.

(L)

BILLING DEMAND: The demand on which the customer is to be billed in accordance with the terms and conditions of their applicable rate schedule.

BILLING FACTOR: Factor used to calculate a bill on a daily basis as opposed to monthly, when the billing period is other than 27 to 33 days. All rate schedules assume monthly billings of 27 to 33 days, and the Billing Factor for these billings is equal to 1. The factor is used to adjust flat monthly charges (such as fixed usage accounts), monthly customer, monthly meter, and minimum service charges to monthly parity when an account is billed for fewer than 27 days (Billing Factor is less than 1), or when billed for more than 33 days (Billing Factor is greater than 1). The factor is based on 30 days, which are deemed to be the total number of days in an average month. The Billing Factor formula is:

Billing Factor = Number of Billing Days divided by 30.

BILLING MONTH: The period of time over which a customer is billed for services rendered during a particular billing cycle.

BUNDLED SERVICE: Defined in Rule 22.A.1.

BUSINESS DAY: A day on which PG&E offices are open to conduct general business in California. Also, commonly referred to as a "working" day.

(L)

CALIFORNIA ALTERNATE RATES FOR ENERGY (CARE): The residential CARE (formerly known as Low-Income Ratepayer Assistance or LIRA) program for qualifying (see Rules 19.1 and 19.2) low-income applicants provides reduced energy charges to the following:

1. Individually metered customers;
2. Master-metered customers with qualifying low-income submetered tenants;
3. Submetered tenants of master-metered PG&E customers;
4. Qualifying residents in individually metered residential dwelling units; and
5. Qualifying Nonprofit Group-Living Facilities.

(L)

(L)

(Continued)



ELECTRIC RULE NO. 1
DEFINITIONS

Sheet 8

COMPANY'S OPERATING CONVENIENCE: The use, under certain circumstances, of facilities or practices not ordinarily employed which contribute to the overall efficiency of PG&E's operations; the term does not refer to customer convenience nor to the use of facilities or adoption of practices required to comply with applicable laws, ordinances, rules, regulations, or similar requirements of public authorities.

COMMUNITY CHOICE AGGREGATION SERVICE (CCA SERVICE): This service allows customers to purchase electric power, and at the customer's election, participate in additional energy efficiency or conservation programs from non-utility entities known as Community Choice Aggregators. Herein all references to Community Choice Aggregation mean the same as CCA Service.

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COMMUNITY CHOICE AGGREGATOR (CCA): An entity that provides electric supply services to Community Choice Aggregation customers within PG&E's service territory. A CCA may also provide certain energy efficiency and conservation programs to its Community Choice Aggregation customers as provided for under PG&E's tariffs.

COMPETITIVE TRANSITION CHARGE (CTC): Defined in Public Utilities Code Section 840 and by the Commission.

CONNECTED LOAD: The sum of the rated capacities of all of the customer's equipment that can be connected to PG&E's lines at any one time as more completely described in the rate schedules.

COST OF OWNERSHIP: A monthly charge applied to special facilities to recover the cost to PG&E of operating the special facility.

When applicant-financed the charge includes the cost components for operations and maintenance (O&M), administration and general expenses (A&G), property taxes, and Revenue Fees and Uncollectible (RF&U), and the cost of replacement facilities at no additional cost for sixty (60) years. The applicant-financed percentage is also used to calculate COO charges on unsupported distribution line extension costs. See Rule 15.E.6

When PG&E-financed the monthly cost components include all of those listed above for applicant-financed special facilities plus components to cover the costs of income taxes, return on investment, and depreciation. . The PG&E-financed COO is also used to calculate line extension allowances. (See Rule 15. C. 2 & C.3.

(Continued)

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

AT&T	Downey & Brand	Pioneer Community Energy
Albion Power Company	East Bay Community Energy	Praxair
Alcantar & Kahl LLP	Ellison Schneider & Harris LLP	
	Energy Management Service	
Alta Power Group, LLC	Engineers and Scientists of California	Redwood Coast Energy Authority
Anderson & Poole	Evaluation + Strategy for Social Innovation	Regulatory & Cogeneration Service, Inc.
	GenOn Energy, Inc.	SCD Energy Solutions
Atlas ReFuel	Goodin, MacBride, Squeri, Schlotz & Ritchie	
BART	Green Charge Networks	SCE
	Green Power Institute	SDG&E and SoCalGas
Barkovich & Yap, Inc.	Hanna & Morton	
P.C. CalCom Solar	ICF	SPURR
California Cotton Ginners & Growers Assn	International Power Technology	San Francisco Water Power and Sewer
California Energy Commission	Intestate Gas Services, Inc.	Seattle City Light
California Public Utilities Commission	Kelly Group	Sempra Utilities
California State Association of Counties	Ken Bohn Consulting	Southern California Edison Company
Calpine	Keyes & Fox LLP	Southern California Gas Company
	Leviton Manufacturing Co., Inc. Linde	Spark Energy
Cameron-Daniel, P.C.	Los Angeles County Integrated Waste Management Task Force	Sun Light & Power
Casner, Steve	Los Angeles Dept of Water & Power	Sunshine Design
Cenergy Power	MRW & Associates	Tecogen, Inc.
Center for Biological Diversity	Manatt Phelps Phillips	TerraVerde Renewable Partners
City of Palo Alto	Marin Energy Authority	Tiger Natural Gas, Inc.
	McKenzie & Associates	
City of San Jose	Modesto Irrigation District	TransCanada
Clean Power Research	Morgan Stanley	Troutman Sanders LLP
Coast Economic Consulting	NLine Energy, Inc.	Utility Cost Management
Commercial Energy	NRG Solar	Utility Power Solutions
County of Tehama - Department of Public Works		Utility Specialists
Crossborder Energy	Office of Ratepayer Advocates	
Crown Road Energy, LLC	OnGrid Solar	Verizon
Davis Wright Tremaine LLP	Pacific Gas and Electric Company	Water and Energy Consulting Wellhead Electric Company
Day Carter Murphy	Peninsula Clean Energy	Western Manufactured Housing Communities Association (WMA)
		Yep Energy
Dept of General Services		
Don Pickett & Associates, Inc.		
Douglass & Liddell		