

February 15, 2002

Advice 2197-E

(Pacific Gas and Electric Company ID U 39 E)

Public Utilities Commission of the State of California

Subject: Optional Meter Data Access Charge for Voluntary Installation of Real-Time Pricing Meters

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

Purpose

In compliance with Decision (D.) 01-09-062, issued September 20, 2001, and following further instructions from the Commission's Energy Division, PG&E hereby submits this advice filing to implement an optional meter data access charge for customers who wish to arrange for the installation of such a meter on a voluntary basis.

In accordance with Energy Division's request, PG&E is filing two concurrent advice letters this date: (1) Advice 2150-E-B, which re-submits PG&E's TOU rate proposal; and (2) Advice 2197-E, to request authority for PG&E's recommended meter data access charge for customers who arrange for a real time pricing (RTP) meter installation on a voluntary basis.

Background

PG&E submitted Advice 2150-E on August 8, 2001. In D. 01-09-062, the Commission adopted PG&E's time-of-use (TOU) rate proposal as submitted in

¹ PG&E reserves all legal rights to challenge the decisions or statutes under which it has been required to make this advice filing, and nothing in this advice filing constitutes a waiver of such rights. Also, PG&E reserves any additional legal rights to challenge the requirement to make this advice filing by reason of its status as a debtor under Chapter 11 of the Bankruptcy Code, and nothing in this advice filing constitutes a waiver of such rights.

Advice 2150-E, with the following modifications:

1. Those customers currently receiving service under Schedule A-10 who are not eligible to receive a new RTP meter under the ABX1 29 meter program should be offered the opportunity to pay for a meter and participate in the new TOU pricing program on a voluntary basis.
2. Customers assigned to the new TOU pricing program should be permitted to change to a voluntary TOU rate schedule (e.g., Schedule A-6 or E-19V) if they wish to make such a change, without being subject to the 12-month waiting period that is ordinarily required after a customer voluntarily changes rate schedules.
3. The new TOU prices should become effective for those customers who receive new meters under the ABX1 29 meter program upon the first regularly scheduled meter read which occurs after the new metering system has been installed.

In compliance with D. 01-09-062, PG&E submitted Advice 2150-E-A on September 27, 2001. The revised tariff sheets for electric rate Schedule A-10, which PG&E submitted in Advice 2150-E-A, included modifications to the "Applicability" section of that tariff to:

- (1) define the effective date for assignment of customers to the new TOU pricing program;
- (2) allow for voluntary assignment of other electric rate Schedule A-10 customers to the new TOU pricing program if they reimburse PG&E for all necessary meter purchase and installation costs; and
- (3) provide the voluntary TOU customers with an option of paying for and receiving the same Internet-based access to the electric load information recorded by their RTP meter that will already be available at no charge to the new mandatory TOU customers.²

No revisions of PG&E's existing tariffs were needed to allow for ABX1 29 customers to voluntarily elect service under other applicable TOU rate schedules, because the waiting period defined in PG&E's electric Rule 12 – *Rates and Optional Rates*, will not apply to the initial mandatory assignment to the new electric rate Schedule A-10 TOU pricing program.

In Advice 2150-E-A, PG&E also submitted a new standard electric service agreement, *Interval Meter and Meter Data Management Service Agreement* (Form 79-984). This agreement provided the terms and conditions under which

² Those customers who receive state-funded RTP meters under ABX1 29 will receive one year of the Internet-based access to their interval load data at no charge, because the CEC has elected to use ABX1 29 funds to assume all of the costs of providing these customers with the first year of data access.

those customers who wish to voluntarily enroll in the new TOU pricing programs would pay to receive interval meters and internet-based access to the electric load information recorded by meters.

Two limited protests were submitted in response to Advice. 2150-E-A addressing the level of PG&E's recommended data access charge. Energy Division staff requested that PG&E re-file its TOU rate proposal and separate the issue on new TOU pricing programs and the request to authorize PG&E's recommended meter data access charge for those customers who arrange for a RTP meter installation on a voluntary basis.

Tariff Revisions

PG&E hereby submits revisions to electric rate Schedules A-6--*Small General Time-of-Use Service*; A-10—*Medium General Demand-Metered Service*; and E-19--*Medium General Demand Metered Time-of-Use Service*; E-20—*Service to Customers with Maximum Demands of 1,000 Kilowatts or More*, and also submits a new standard electric service agreement, *Interval Meter Data Management Service Agreement* (Form 79-985).

The changes submitted herein provide for an optional \$30 monthly charge to recover the actual costs, which PG&E will incur, should these smaller customers wish to subscribe to the same meter data services as provided to their larger electric customer counterparts. These services are provided under contract by a third party, and PG&E's contract with that third party provides for a monthly data subscription charge of \$30.00 per participating customer site. The contract further provides that this per-site charge will remain unchanged until at least September 30, 2005.

Protests

Anyone wishing to protest this filing should do so by sending a letter via postal mail and facsimile by, **March 7, 2002**, which is 20 days after the date of this filing. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. Protests should be mailed to:

IMC Branch Chief
Energy Division
California Public Utilities Commission
505 Van Ness Avenue, Room 4002
San Francisco, California 94102
Facsimile: (415) 703-2200

Copies should also be mailed to the attention of the Director, Energy Division, Room 4005 and Jerry Royer, Energy Division, at the address shown above. It is also requested that a copy of the protest be sent via postal mail and facsimile to

Pacific Gas and Electric Company on the same date it is mailed or delivered to the Commission at the address shown below.

Pacific Gas and Electric Company
Attention: Les Guliasi
Director, Regulatory Relations
77 Beale Street, Mail Code B10C
P.O. Box 770000
San Francisco, California 94177
Facsimile: (415) 973-7226

Effective Date

In accordance with D. 01-09-062, Ordering Paragraph 3, PG&E requests that this supplemental advice filing become effective **March 27, 2002**, which is 40 days from the date of this filing.

Notice

In accordance with General Order 96-A, Section III, Paragraph G, a copy of this advice letter is being sent electronically and via U.S. mail to parties shown on the attached list, and the service list parties for A. 00-11-056. Address changes should be directed to Nelia Avendano at (415) 973-3529. Advice letter filings can also be accessed electronically at:

http://www.pge.com/customer_services/business/tariffs/

Vice President - Regulatory Relations

Attachments

cc: Service List – A. 00-11-056



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

APPLICABILITY: This voluntary 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 customers whose billing demand exceeds 499 kW for three consecutive months, or to residential or agricultural service for which a residential or agricultural schedule is applicable.

Depending upon whether or not an Installation or Processing charge applies, the customer will be served under one of these rates under Schedule A-6:

A-6: Applies 1) to customers who are served under Schedule A-6 prior to January 1, 1996, and have not changed rate schedules since that time, or 2) to customers whose service has an existing and appropriate time-of-use meter installed and that initiated service on this schedule during 1996, or 3) to customers who signed an "Incentive Program Prescriptive Performance Off-Peak Cooling Application" with PG&E prior to January 1, 1996, in order to install a thermal energy storage system and now are about to operate that system.

Rate W: Applies to customers whose account does not have an appropriate time-of-use meter. The customer must pay an "Installation Charge" prior to taking service under this schedule.

Rate X: Applies to customers whose account has an appropriate PG&E time-of-use meter, but is not currently being served under Schedule A-6. The customer will be required to pay a "Processing Charge" prior to taking service under this schedule.

The Installation Charge or Processing Charge must be paid in one lump sum before the customer can take service on this schedule. Payments for these charges are not transferable to another service or refundable, in whole or part. PG&E will place the account on this schedule within four weeks of receiving payment from the customer. 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.

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 hourly 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).

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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 non-utility 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. 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 E-NET, will be exempt from paying standby charges under this provision.

* The rules referred to in this schedule are part of PG&E's gas tariffs. Copies are available at PG&E's local offices.

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SCHEDULE A-6—SMALL GENERAL TIME-OF-USE SERVICE
(Continued)

TERRITORY: The entire territory served.

RATES:

	Transmission	Distribution	Public Purpose Programs	Generation	Nuclear Decommissioning	FTA	Reliability Services	Total Rates
ENERGY CHARGE (per kWh per SUMMER Month)								
Peak	\$0.00494	\$0.04082	\$0.00379	\$0.16611	\$0.00039	\$0.01219	\$0.00434	\$0.23258
Part-Peak	\$0.00494	\$0.01806	\$0.00379	\$0.05917	\$0.00039	\$0.01219	\$0.00434	\$0.10288
Off-Peak	\$0.00494	\$0.00986	\$0.00379	\$0.02067	\$0.00039	\$0.01219	\$0.00434	\$0.05618
ENERGY CHARGE (per kWh per WINTER Month)								
Part-Peak	\$0.00494	\$0.02030	\$0.00379	\$0.06967	\$0.00039	\$0.01219	\$0.00434	\$0.11562
Off-Peak	\$0.00494	\$0.01258	\$0.00379	\$0.03346	\$0.00039	\$0.01219	\$0.00434	\$0.07169
METER CHARGE, per meter per month								
Rate A-6	-	\$6.80	-	-	-	-	-	\$6.80
Rate W	-	\$2.00	-	-	-	-	-	\$2.00
Rate X	-	\$6.80	-	-	-	-	-	\$6.80
CUSTOMER CHARGE, per meter per month								
Single-phase Service	-	\$8.10	-	-	-	-	-	\$8.10
Polyphase Service	-	\$12.00	-	-	-	-	-	\$12.00
OPTIONAL METER DATA ACCESS CHARGE per meter per month								
	-	\$30.00	-	-	-	-	-	\$30.00 (N)
INSTALLATION CHARGE, one-time charge per meter								
	-	\$443.00	-	-	-	-	-	\$443.00
PROCESSING CHARGE, one-time charge per meter								
	-	\$87.00	-	-	-	-	-	\$87.00
TRANSMISSION REVENUE BALANCING ACCOUNT ADJUSTMENT RATE per kWh per Month								
	(\$0.00145)	-	-	\$0.00145	-	-	-	\$0.00000

Generation charge is calculated based on the total rate less the sum of: Distribution, Transmission, Public Purpose Program, Nuclear Decommissioning, and FTA (where applicable) charges. CTC is calculated residually by subtracting the PX charge as calculated in Schedule PX from the generation charge.

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SCHEDULE A-10—MEDIUM GENERAL DEMAND-METERED SERVICE

APPLICABILITY: A customer selecting service on Schedule A-10 after August 15, 1992 must use at least 50,000 kWh per year. 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 customers whose maximum demand exceeds 499 kW for three consecutive months, or to residential or agricultural service for which a residential or agricultural schedule is applicable.

Under 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.

Customers who have received new hourly interval meters under the real-time metering program, funded by the California Energy Commission (CEC) pursuant to recently enacted California state legislation (Assembly Bill 1X 29), will pay the charges according to the terms and conditions in this schedule, and also the time-of-use (TOU) surcharges for Schedule A-10 specified under electric rate Schedule E-EPS, Section 2. These TOU surcharge rates will become effective for service rendered beginning on the customer's first regularly scheduled meter reading date which occurs after the new hourly interval metering system has been installed.

Customers who wish to voluntarily pay the TOU surcharges for Schedule A-10 specified under electric rate Schedule E-EPS, Section 2, must have an hourly interval meter. Those customers who wish to pay the TOU surcharge rates but who have not received hourly interval meters under the CEC-funded real-time metering program must pay PG&E for the cost of purchasing and installing an hourly interval meter, together with applicable Income Tax Component of Contribution (ITCC) charges and the cost to operate and maintain the interval meter provided by PG&E outside of the regularly scheduled meter read. Customers who elect to receive service on this basis 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).

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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.

TERRITORY: PG&E's entire service territory.

(Continued)



SCHEDULE A-10—MEDIUM GENERAL DEMAND-METERED SERVICE

RATES:

	<u>Transmission</u>	<u>Distribution</u>	<u>Public Purpose Programs</u>	<u>Generation</u>	<u>Nuclear Decom-missioning</u>	<u>FTA</u>	<u>Reliability Services</u>	<u>Total Rate</u>	
ENERGY CHARGE									
(per kWh per month)									
Transmission Voltage Level									
Summer	—	\$0.00475	\$0.00375	\$0.06807	\$0.00039	\$0.01219	—	\$0.08915	
Winter	—	\$0.00388	\$0.00375	\$0.05258	\$0.00039	\$0.01219	—	\$0.07279	
Primary Voltage Level									
Summer	—	\$0.00986	\$0.00368	\$0.06304	\$0.00038	\$0.01219	—	\$0.08915	
Winter	—	\$0.00805	\$0.00368	\$0.04849	\$0.00038	\$0.01219	—	\$0.07279	
Secondary Voltage Level									
Summer	—	\$0.01007	\$0.00380	\$0.06269	\$0.00040	\$0.01219	—	\$0.08915	
Winter	—	\$0.00822	\$0.00380	\$0.04818	\$0.00040	\$0.01219	—	\$0.07279	
DEMAND CHARGE (per kW of maximum demand per month)									
Transmission Voltage Level									
Summer	\$1.59	\$0.06	—	(\$1.10)	—	—	\$1.40	\$1.95	
Winter	\$1.59	\$0.01	—	(\$2.55)	—	—	\$1.40	\$0.45	
Primary Voltage Level									
Summer	\$1.59	\$4.09	—	(\$1.58)	—	—	\$1.40	\$5.50	
Winter	\$1.59	\$1.23	—	(\$2.57)	—	—	\$1.40	\$1.65	
Secondary Voltage Level									
Summer	\$1.59	\$4.67	—	(\$0.96)	—	—	\$1.40	\$6.70	
Winter	\$1.59	\$1.15	—	(\$2.49)	—	—	\$1.40	\$1.65	
CUSTOMER CHARGE,	—	\$75.00	—	—	—	—	—	\$75.00	
per meter per month									
OPTIONAL METER DATA									
ACCESS CHARGE									
per meter per month	—	\$30.00	—	—	—	—	—	\$30.00	(N) (N)
TRANSMISSION REVENUE									
BALANCING ACCOUNT									
ADJUSTMENT RATE									
per kWh per Month	(\$0.00145)	—	—	\$0.00145	—	—	—	\$0.00000	

(Continued)



COMMERCIAL/INDUSTRIAL/GENERAL
SCHEDULE E-19—MEDIUM GENERAL DEMAND-METERED TIME-OF-USE SERVICE

CONTENTS: This rate schedule is divided into the following sections:

- | | |
|--|---|
| 1. Applicability | 11. Non-Firm Service Program |
| 2. Territory | 12. Non-Firm Service Rates |
| 3. Firm Service Rates | 13. Contracts |
| 4. Definition Of Service Voltage | 14. Terms And Conditions For Voluntary E-19 Service |
| 5. Definition Of Time Periods | 15. Billing |
| 6. Power Factor Adjustments | 16. Rate Reduction Bond Credit |
| 7. Charges For Transformer Losses | 17. CARE Discount for Nonprofit Group-Living Facilities |
| 8. Standard Service Facilities | 18. Optional Optimal Billing Period Service |
| 9. Special Facilities | 19. Billing for Customers Without Interval Meters |
| 10. Arrangements For Visual-Display Metering | |

1. APPLICABILITY: **Initial Assignment:** A customer must take service under Schedule E-19 if: (1) the customer's load does not meet the Schedule E-20 requirements, but, (2) the customer's maximum billing demand (as defined below) has exceeded 499 kilowatts for at least three consecutive months during the most recent 12-month period (referred to as Schedule E-19). If 70 percent or more of the customer's energy use is for agricultural end-uses, the customer will be served under an agricultural schedule. Schedule E-19 is not applicable to customers for whom residential service would apply.

Customer accounts which fail to qualify under these requirements will be evaluated for transfer to service under a different applicable rate schedule.

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 hourly 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).

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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 E-19 charges. 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 E-NET, will be exempt from paying standby charges under this provision.

Voluntary E-19 Service: This schedule is available on a voluntary basis for customers with maximum billing demands less than 500 kW. Customers voluntarily taking service on this schedule are subject to all the terms and conditions below, unless otherwise specified in Section 15.

(Continued)



COMMERCIAL/INDUSTRIAL/GENERAL
SCHEDULE E-19—MEDIUM GENERAL DEMAND-METERED TIME-OF-USE SERVICE
(Continued)

3. FIRM SERVICE RATES: (Cont'd.)

SECONDARY (E-19S)	Transmission	Distribution	Public Purpose Programs	Generation	Nuclear Decom-missioning	FTA	Reliability Services	Total Rate
Demand Charges (per kW)								
Maximum Peak-Period Demand								
Summer	-	\$5.22	-	\$8.13	-	-	-	\$13.35
Winter	-	-	-	-	-	-	-	-
Maximum Part-Peak-Period Demand								
Summer	-	\$1.44	-	\$2.26	-	-	-	\$3.70
Winter	-	\$1.42	-	\$2.23	-	-	-	\$3.65
Maximum Demand								
Summer	\$1.59	\$1.49	-	(\$1.93)	-	-	\$1.40	\$2.55
Winter	\$1.59	\$1.49	-	(\$1.93)	-	-	\$1.40	\$2.55
Energy Charges (per kWh)								
Peak-Period								
Summer	-	\$0.00701	\$0.00350	\$0.06468	\$0.00035	\$0.01219	-	\$0.08773
Winter	-	-	-	-	-	-	-	-
Part-Peak-Period								
Summer	-	\$0.00464	\$0.00350	\$0.03742	\$0.00035	\$0.01219	-	\$0.05810
Winter	-	\$0.00511	\$0.00350	\$0.04277	\$0.00035	\$0.01219	-	\$0.06392
Off-Peak-Period								
Summer	-	\$0.00404	\$0.00350	\$0.03051	\$0.00035	\$0.01219	-	\$0.05059
Winter	-	\$0.00402	\$0.00350	\$0.03032	\$0.00035	\$0.01219	-	\$0.05038
Average Rate Limiter (per kWh in summer months)								
	-	-	-	-	-	-	-	\$0.14043
Peak Period Rate Limiter (per kWh in summer months)								
	-	-	-	-	-	-	-	\$0.97773
Customer Charge (per meter per month)								
E-19	-	\$175.00	-	-	-	-	-	\$175.00
Rate V	-	\$81.00	-	-	-	-	-	\$81.00
Rate W	-	\$76.20	-	-	-	-	-	\$76.20
Rate X	-	\$81.00	-	-	-	-	-	\$81.00
Optional Meter Data								
Access Charge (per meter per month)								
	-	\$30.00	-	-	-	-	-	\$30.00 (N)
Installation Charge (One-time charge per meter)								
	-	\$443.00	-	-	-	-	-	\$443.00
Processing Charge (One-time charge per meter)								
	-	\$87.00	-	-	-	-	-	\$87.00
Transmission Revenue								
Balancing Account								
Adjustment Rate per kWh per month								
	(\$0.00145)	-	-	\$0.00145	-	-	-	\$0.00000

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COMMERCIAL/INDUSTRIAL/GENERAL
SCHEDULE E-19—MEDIUM GENERAL DEMAND-METERED TIME-OF-USE SERVICE
(Continued)

3. FIRM SERVICE RATES (Cont'd.)

PRIMARY (E-19P)	Transmission	Distribution	Public Purpose Programs	Generation	Nuclear Decom-missioning	FTA	Reliability Services	Total Rate
Demand Charges (per kW)								
Maximum Peak-Period Demand								
Summer	-	\$3.80	-	\$8.00	-	-	-	\$11.80
Winter	-	-	-	-	-	-	-	-
Maximum Part-Peak-Period Demand								
Summer	-	\$0.85	-	\$1.80	-	-	-	\$2.65
Winter	-	\$0.85	-	\$1.80	-	-	-	\$2.65
Maximum Demand								
Summer	\$1.59	\$1.11	-	(\$1.55)	-	-	\$1.40	\$2.55
Winter	\$1.59	\$1.11	-	(\$1.55)	-	-	\$1.40	\$2.55
Energy Charges (per kWh)								
Peak-Period								
Summer	-	\$0.00282	\$0.00322	\$0.04417	\$0.00031	\$0.01219	-	\$0.06271
Winter	-	-	-	-	-	-	-	-
Part-Peak-Period								
Summer	-	\$0.00220	\$0.00322	\$0.03076	\$0.00031	\$0.01219	-	\$0.04868
Winter	-	\$0.00257	\$0.00322	\$0.03871	\$0.00031	\$0.01219	-	\$0.05700
Off-Peak-Period								
Summer	-	\$0.00211	\$0.00322	\$0.02900	\$0.00031	\$0.01219	-	\$0.04683
Winter	-	\$0.00215	\$0.00322	\$0.02995	\$0.00031	\$0.01219	-	\$0.04782
Average Rate Limiter								
(per kWh in summer months)	-	-	-	-	-	-	-	\$0.14043
Peak Period Rate Limiter								
(per kWh in summer months)	-	-	-	-	-	-	-	\$0.84937
Customer Charge								
(per meter per month)								
E-19	-	\$140.00	-	-	-	-	-	\$140.00
Rate V	-	\$81.00	-	-	-	-	-	\$81.00
Rate W	-	\$76.20	-	-	-	-	-	\$76.20
Rate X	-	\$81.00	-	-	-	-	-	\$81.00
Optional Meter Data								
Access Charge								
per meter per month	-	\$30.00	-	-	-	-	-	\$30.00 (N)
Installation Charge								
(One-time charge per meter)	-	\$443.00	-	-	-	-	-	\$443.00
Processing Charge								
(One-time charge per meter)	-	\$87.00	-	-	-	-	-	\$87.00
Transmission Revenue								
Balancing Account								
Adjustment Rate								
per kWh per month	(\$0.00145)	-	-	\$0.00145	-	-	-	\$0.00000

(Continued)



COMMERCIAL/INDUSTRIAL/GENERAL
SCHEDULE E-19—MEDIUM GENERAL DEMAND-METERED TIME-OF-USE SERVICE
(Continued)

3. FIRM SERVICE RATES: (Cont'd.)

TRANSMISSION (E-19T)	Transmission	Distribution	Public Purpose Programs	Generation	Nuclear Decommissioning	FTA	Reliability Services	Total Rate
Demand Charges (per kW)								
Maximum Peak-Period Demand								
Summer	-	-	-	\$7.50	-	-	-	\$7.50
Winter	-	-	-	-	-	-	-	-
Maximum Part-Peak-Period Demand								
Summer	-	-	-	\$0.60	-	-	-	\$0.60
Winter	-	-	-	\$0.75	-	-	-	\$0.75
Maximum Demand								
Summer	\$1.59	\$0.06	-	(\$2.70)	-	-	\$1.40	\$0.35
Winter	\$1.59	\$0.06	-	(\$2.70)	-	-	\$1.40	\$0.35
Energy Charges (per kWh)								
Peak-Period								
Summer	-	\$0.00638	\$0.00326	\$0.06462	\$0.00031	\$0.01219	-	\$0.08676
Winter	-	-	-	-	-	-	-	-
Part-Peak-Period								
Summer	-	\$0.00484	\$0.00326	\$0.04520	\$0.00031	\$0.01219	-	\$0.06580
Winter	-	\$0.00597	\$0.00326	\$0.05941	\$0.00031	\$0.01219	-	\$0.08114
Off-Peak-Period								
Summer	-	\$0.00454	\$0.00326	\$0.04150	\$0.00031	\$0.01219	-	\$0.06180
Winter	-	\$0.00491	\$0.00326	\$0.04612	\$0.00031	\$0.01219	-	\$0.06679
Average Rate Limiter (per kWh in summer months)								
-	-	-	-	-	-	-	-	-
Peak Period Rate Limiter (per kWh in summer months)								
-	-	-	-	-	-	-	-	\$0.58676
Customer Charge (per meter per month)								
E-19	-	\$610.00	-	-	-	-	-	\$610.00
Rate V	-	\$81.00	-	-	-	-	-	\$81.00
Rate W	-	\$76.20	-	-	-	-	-	\$76.20
Rate X	-	\$81.00	-	-	-	-	-	\$81.00
Optional Meter Data Access Charge (per meter per month)								
-	-	-	\$30.00	-	-	-	-	\$30.00 (N)
Installation Charge (One-time charge per meter)								
-	-	\$443.00	-	-	-	-	-	\$443.00
Processing Charge (One-time charge per meter)								
-	-	\$87.00	-	-	-	-	-	\$87.00
Transmission Revenue Balancing Account Adjustment Rate per kWh per month								
-	(\$0.00145)	-	-	\$0.00145	-	-	-	\$0.00000

(Continued)



COMMERCIAL/INDUSTRIAL/GENERAL
SCHEDULE E-20—SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS OF 1,000 KILOWATTS OR MORE

CONTENTS: This rate schedule is divided into the following sections:

- | | |
|--|---|
| 1. Applicability | 11. Non-Firm Service Program |
| 2. Territory | 12. Non-Firm Service Rates |
| 3. Firm Service Rates | 13. Contracts |
| 4. Definition Of Service Voltage | 14. Billing |
| 5. Definition Of Time Periods | 15. CARE Discount For Nonprofit Group-Living Facilities |
| 6. Power Factor Adjustments | 16. Optional Optimal Billing Period Service |
| 7. Charges For Transformer Losses | 17. Billing For Customers Without Interval Meters |
| 8. Standard Service Facilities | |
| 9. Special Facilities | |
| 10. Arrangements For Visual-Display Metering | |

1. APPLICABILITY: **Initial Assignment:** A customer is eligible for service under Schedule E-20 if the customer's maximum demand (as defined below) has exceeded 999 kilowatts for at least three consecutive months during the most recent 12-month period. If 70 percent or more of the customer's energy use is for agricultural end-uses, the customer will be served under an agricultural schedule.

Customer accounts which fail to qualify under these requirements will be evaluated for transfer to service under a different applicable rate schedule.

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 hourly 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).

(N)
|
|
|
(N)

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 E-20 charges. 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 E-NET, will be exempt from paying standby charges under this provision.

Transfers Off of Schedule E-20: PG&E will review its Schedule E-20 accounts annually. A customer will be eligible for continued service on Schedule E-20 if its maximum demand has either: (1) Exceeded 999 kilowatts for at least 5 of the previous 12 billing months, or (2) Exceeded 999 kilowatts for any 3 consecutive billing months of the previous 14 billing months. If a customer's demand history fails both of these tests, PG&E will transfer that customer's account to service under a different applicable rate schedule, except as specified in the Energy Efficiency Adjustment provision below.

Assignment of New Customers: If a customer is new and PG&E believes that the customer's maximum demand will exceed 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-20.

(Continued)



COMMERCIAL/INDUSTRIAL/GENERAL
SCHEDULE E-20—SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS OF 1,000 KILOWATTS OR MORE
(Continued)

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

3. FIRM SERVICE RATES:

SECONDARY (E-20S)	Transmission	Distribution	Public Purpose Programs	Generation	Nuclear Decommissioning	Reliability Services	Total Rate
Maximum Peak-Period Demand							
Summer	-	\$4.48	-	\$8.87	-	-	\$13.35
Winter	-	-	-	-	-	-	-
Maximum Part-Peak-Period Demand							
Summer	-	\$1.24	-	\$2.46	-	-	\$3.70
Winter	-	\$1.23	-	\$2.42	-	-	\$3.65
Maximum Demand							
Summer	\$1.85	\$1.61	-	(\$2.55) (R)	-	\$1.64 (I)	\$2.55
Winter	\$1.85	\$1.61	-	(\$2.55) (R)	-	\$1.64 (I)	\$2.55
Energy Charges (per kWh)							
Peak-Period							
Summer	-	\$0.01045	\$0.00336 (I)	\$0.07294 (R)	\$0.00033 (R)	-	\$0.08708
Winter	-	-	-	-	-	-	-
Part-Peak-Period							
Summer	-	\$0.00692	\$0.00336 (I)	\$0.04706 (R)	\$0.00033 (R)	-	\$0.05767
Winter	-	\$0.00761	\$0.00336 (I)	\$0.05214 (R)	\$0.00033 (R)	-	\$0.06344
Off-Peak-Period							
Summer	-	\$0.00602	\$0.00336 (I)	\$0.04051 (R)	\$0.00033 (R)	-	\$0.05022
Winter	-	\$0.00600	\$0.00336 (I)	\$0.04032 (R)	\$0.00033 (R)	-	\$0.05001
Economic Stimulus Rate Credit (per kWh)							
	-	-	-	\$0.00432	-	-	\$0.00432
Average Rate Limiter (per kWh in summer months)							
	-	-	-	-	-	-	\$0.13995
Peak Period Rate Limiter (per kWh in summer months)							
	-	-	-	-	-	-	\$0.97708
Customer Charge (per meter per month)							
	-	\$385.00	-	-	-	-	\$385.00
Optional Meter Data Access Charge (per meter per month)							
	-	\$30.00	-	-	-	-	\$30.00 (N) (N)
Transmission Revenue Balancing Account Adjustment Rate per kWh per month							
	(\$0.00145) (I)	-	-	\$0.00145 (R)	-	-	\$0.00000

(Continued)



COMMERCIAL/INDUSTRIAL/GENERAL
SCHEDULE E-20—SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS OF 1,000 KILOWATTS OR MORE
(Continued)

3. FIRM SERVICE RATES: (Cont'd.)

PRIMARY (E-20P)	Transmission	Distribution	Public Purpose Programs	Generation	Nuclear Decom-missioning	Reliability Services	Total Rate
Demand Charges (per kW)							
Maximum Peak-Period Demand							
Summer	-	\$2.84	-	\$8.96	-	-	\$11.80
Winter	-	-	-	-	-	-	-
Maximum Part-Peak-Period Demand							
Summer	-	\$0.64	-	\$2.01	-	-	\$2.65
Winter	-	\$0.64	-	\$2.01	-	-	\$2.65
Maximum Demand							
Summer	\$1.85	\$1.07	-	(\$2.01) (R)	-	\$1.64 (I)	\$2.55
Winter	\$1.85	\$1.07	-	(\$2.01) (R)	-	\$1.64 (I)	\$2.55
Energy Charges (per kWh)							
Peak-Period							
Summer	-	\$0.00407	\$0.00298 (I)	\$0.05478 (R)	\$0.00027 (R)	-	\$0.06210
Winter	-	-	-	-	-	-	-
Part-Peak-Period							
Summer	-	\$0.00316	\$0.00298 (I)	\$0.04180 (R)	\$0.00027 (R)	-	\$0.04821
Winter	-	\$0.00369	\$0.00298 (I)	\$0.04930 (R)	\$0.00027 (R)	-	\$0.05624
Off-Peak-Period							
Summer	-	\$0.00305	\$0.00298 (I)	\$0.04007 (R)	\$0.00027 (R)	-	\$0.04637
Winter	-	\$0.00310	\$0.00298 (I)	\$0.04084 (R)	\$0.00027 (R)	-	\$0.04719
Economic Stimulus Rate Credit (per kWh)							
	-	-	-	\$0.00432	-	-	\$0.00432
Average Rate Limiter (per kWh in summer months)							
	-	-	-	-	-	-	\$0.13995
Peak Period Rate Limiter (per kWh in summer months)							
	-	-	-	-	-	-	\$0.84876
Customer Charge (per meter per month)							
	-	\$310.00	-	-	-	-	\$310.00
Optional Meter Data							
Access Charge (per meter per month)							
	-	\$30.00	-	-	-	-	\$30.00
Transmission Revenue Balancing							
Account Adjustment Rate per kWh per month							
	(\$0.00145) (I)	-	-	\$0.00145 (R)	-	-	\$0.00000

(Continued)



COMMERCIAL/INDUSTRIAL/GENERAL
SCHEDULE E-20—SERVICE TO CUSTOMERS WITH MAXIMUM DEMANDS OF 1,000 KILOWATTS OR MORE
(Continued)

3. FIRM SERVICE RATES: (Cont'd.)

TRANSMISSION (E-20T)	Transmission	Distribution	Public Purpose Programs	Generation	Nuclear Decom-missioning	Reliability Services	Total Rate
Demand Charges (per kW)							
Maximum Peak-Period Demand							
Summer	-	\$0.12	-	\$7.38	-	-	\$7.50
Winter	-	-	-	-	-	-	-
Maximum Part-Peak-Period Demand							
Summer	-	\$0.01	-	\$0.59	-	-	\$0.60
Winter	-	\$0.01	-	\$0.74	-	-	\$0.75
Maximum Demand							
Summer	\$1.85	\$0.05	-	(\$3.19) (R)	-	\$1.64 (I)	\$0.35
Winter	\$1.85	\$0.05	-	(\$3.19) (R)	-	\$1.64 (I)	\$0.35
Energy Charges (per kWh)							
Peak-Period							
Summer	-	\$0.00129	\$0.00247 (I)	\$0.05355 (R)	\$0.00019	-	\$0.05750
Winter	-	-	-	-	-	-	-
Part-Peak-Period							
Summer	-	\$0.00098	\$0.00247 (I)	\$0.03997 (R)	\$0.00019	-	\$0.04361
Winter	-	\$0.00120	\$0.00247 (I)	\$0.04983 (R)	\$0.00019	-	\$0.05369
Off-Peak-Period							
Summer	-	\$0.00092	\$0.00247 (I)	\$0.03739 (R)	\$0.00019	-	\$0.04097
Winter	-	\$0.00099	\$0.00247 (I)	\$0.04055 (R)	\$0.00019	-	\$0.04420
Economic Stimulus Rate Credit (per kWh)							
	-	-	-	\$0.00432	-	-	\$0.00432
Average Rate Limiter (per kWh in summer months)							
	-	-	-	-	-	-	-
Peak Period Rate Limiter (per kWh in summer months)							
	-	-	-	-	-	-	\$0.55750
Customer Charge (per meter per month)							
	-	\$715.00	-	-	-	-	\$715.00
Optional Meter Data Access Charge (per meter per month)							
	-	\$30.00	-	-	-	-	\$30.00
							(N)
							(N)
Transmission Revenue Balancing Account Adjustment Rate (per kWh per month)							
	(\$0.00145) (I)	-	-	\$0.00145 (R)	-	-	\$0.00000

(Continued)



Pacific Gas and Electric Company
San Francisco, California

Cancelling

Original

Cal. P.U.C. Sheet No.
Cal. P.U.C. Sheet No.

18708-E

PACIFIC GAS AND ELECTRIC COMPANY
INTERVAL METER DATA MANAGEMENT
SERVICE AGREEMENT
FORM NO. 79-985 (02/02)
(ATTACHED)

(N)

(N)

Advice Letter No. 2197-E
Decision No. 01-09-062

Issued by
Karen A. Tomcala
Vice President
Regulatory Relations

Date Filed February 15, 2002
Effective _____
Resolution No. _____



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