

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



REVISED

October 10, 2013

Advice Letter 2372-E

Brian K. Cherry
Vice President, Regulation and Rates
Pacific Gas and Electric Company
77 Beale Street, Mail Code B10C
P.O. Box 770000
San Francisco, CA 94177

Subject: Tariff Revisions to Further Clarify Conditions During Rotating Outages

Dear Mr. Cherry:

Advice Letter 2372-E is effective October 7, 2013.

Sincerely,

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

Edward F. Randolph, Director
Energy Division

April 14, 2003

**Advice 2372-E
(Pacific Gas and Electric Company ID U39 E)**

Public Utilities Commission of the State of California (CPUC)

Subject: Tariff Revisions to Further Clarify Conditions During Rotating Outages

Pacific Gas and Electric Company (PG&E) hereby submits for filing revisions to its electric tariffs. The affected tariff sheets are listed on the enclosed Attachment¹ and attached hereto.

Purpose

The purpose of this filing is to revise PG&E's electric rate schedules A-10, E-19, E-20, E-25, E-37, and AG-5 to add language that clarifies the conditions under which PG&E's transmission level customers are to comply with rotating outages pursuant to the California Public Utilities Commission (Commission) Decision (D.) 01-04-006.

Background

On April 3, 2001, D.01-04-006 was issued in Phase 1 of Order Instituting Rulemaking (OIR) 00-10-002 to address the operation and approval of new and revised load curtailment, demand responsiveness, and rotating outage programs offered by Southern California Edison Company (SCE), San Diego Gas & Electric Company (SDG&E), and PG&E. The decision approved several new and revised programs and ordered the utilities to implement tariff provisions

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.

implementing these programs. One such directive of D.01-04-006 resulted in the modification of the rotating outage program so that transmission level customers, except those who are deemed "essential use," are Optional Binding Mandatory Curtailment program (OBMC) participants, or are net suppliers to the grid, must respond promptly to utility requests to drop load during rotating outages. The decision further ordered that non-exempt customers, who fail to drop their load upon request by the utility would be subject, at their expense, to the installation of automatic utility-controlled load drop equipment and will pay a penalty of \$6/kWh for load not curtailed. PG&E initially implemented these directives via Advice 2099-E which was filed on April 9, 2001. This advice was via Advice 2099-E-A which was filed on April 17, 2001. Transmission level customers have not yet been requested to curtail load under the tariff provisions implemented by Advice 2099-E and Advice 2099-E-A. However, PG&E believes that additional details must be specified in the tariff so that the affected customers have a clear understanding of what is expected of them, the consequences of failure to drop load during applicable rotating outages, and to provide a uniform, enforceable program. The tariff changes described below are intended to clarify and to facilitate the operation of the rotating outage program consistent with the requirements of D.01-04-006. These tariff changes have been developed in consultation with the Commission's Energy Division, SCE, and SDG&E.

Proposed Tariff Changes

Clarify which Customers are Transmission Level Customers

The proposed tariff language includes the following definition of a transmission level customer.

For the purposes of this Section only, transmission level customers are those customers that are served from a "single customer substation" as defined in PG&E's Electric Rule 1 or without transformation at one of the standard transmission voltages specified in PG&E's Electric Rule 2, Section B.1.

Include Additional Provisions Approved By D.01-04-006

Consistent with D.01-04-006, the second paragraph is revised to provide that: 1) PG&E will coordinate rotating outages for affected customers who are fossil fuel producers and pipeline operators/users to minimize disruption to public health and safety; 2) PG&E will not include a customer in a rotating outage if the customer's inclusion would jeopardize electric system integrity; and 3) Language emphasizing the that an eligible customers may seek exemption from rotating outages under the provisions of PG&E's Electric Rate Schedule E-OBMC -- Optional Binding Mandatory Curtailment Plan.

Customer-Implemented Load Reduction

PG&E proposes to add a subsection entitled "Customer-Implemented Load Reduction" to define the amount of time the customer has, after notice has been provided, to drop its load by its own initiative, and to define the required time the customer must maintain the dropped load. This subsection also specifies how PG&E will provide notice to these customers and the related requirements of the customer to receive such notification. Further outlined are the conditions under which these customers shall pay excess energy charges for load that is not curtailed and how such charges are calculated.

PG&E-Implemented Load Reduction

A second subsection entitled "PG&E-Implemented Load Reduction" is added to provide that customers may request to have PG&E drop their load during rotating outages. This option is available provided the remote-controlled equipment is already installed or capable of being installed and it is feasible for PG&E to provide this service. The conditions applicable to the customer for this option are included in this subsection.

Non-Compliance

A third subsection entitled "Non-Compliance" is added to define when a customer is deemed out of compliance with the tariff for failing to drop load during a rotating outage event, and to outline the consequences of such non-compliance.

No cost information is required for this filing.

This advice filing will not increase any existing rate or charge, cause the withdrawal of service, or conflict with any rate schedules or rules.

Protests

Anyone wishing to protest this filing may do so by sending a letter by **May 5, 2003**, which is **21 days** from 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, 4th Floor
San Francisco, California 94102
Facsimile: (415) 703-2200
E-mail: jjr@cpuc.ca.gov

Protests also should be sent by e-mail and facsimile to Mr. Jerry Royer, Energy Division, as shown above, and by U.S. mail to Mr. Royer at the above address.

The protest should be sent via both e-mail and facsimile to PG&E on the same date it is mailed or delivered to the Commission at the address shown below.

Pacific Gas and Electric Company
Attention: Brian Cherry
Director, Regulatory Relations
77 Beale Street, Mail Code B10C
P.O. Box 770000
San Francisco, California 94177
Facsimile: (415) 973-7226
E-mail: RxDd@pge.com

Effective Date

PG&E requests that this advice filing become effective on **May 24, 2003**, which is 40 days from the date of filing, upon approval by the Energy Division.

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. Address changes should be directed to Sandra Ciach at (415) 973-7572. Advice letter filings can also be accessed electronically at:

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

Vice President - Regulatory Relations

Attachments



SCHEDULE A-10—MEDIUM GENERAL DEMAND-METERED SERVICE
(Continued)

ELECTRIC
EMERGENCY
PLAN ROTATING
BLOCK
OUTAGES:

For the purposes of this Section only, transmission level customers are those customers that are served from a "single customer substation" as defined in PG&E's Electric Rule 1 or without transformation at one of the standard transmission voltages specified in PG&E's Electric Rule 2, Section B.1.

(N)

Transmission level customers, except for those customers meeting the CPUC's criteria for essential use or those otherwise exempt from rotating outages in accordance with CPUC Decisions, will be incorporated into PG&E's rotating outage block plan and subjected to load interruptions when rotating block outages are ordered by the ISO. PG&E will, to the extent practical, follow the applicable principles and procedures specified in PG&E's Electric Rule 14, by the CPUC, and by the ISO. To the extent feasible, PG&E will coordinate rotating outages applicable to customers who are fossil fuel producers, pipeline operators and users to minimize disruption to public health and safety. PG&E shall not include a transmission level customer in an applicable rotating outage block if the customer's inclusion would jeopardize system integrity. Transmission level customers who are not exempt from rotating outages may submit an Optional Binding Mandatory Curtailment (OBMC) Plan to PG&E in accordance with PG&E's Electric Schedule OBMC. If PG&E approves a customer's OBMC Plan, the customer will become exempt from rotating outages and will be subject to the terms and conditions of PG&E's Electric Schedule OBMC and its associated agreement.

Non-exempt transmission level customers shall be required to undergo rotating outages applicable to the customer's assigned rotating outage block by either (1) implementing the load reduction on their own initiative, in accordance with subsection a, below; or (2) having PG&E implement the load reduction through PG&E-owned remote-controlled equipment in accordance with subsection b, below. A transmission level customer shall normally be subject to the provisions of subsection a. If PG&E approves a transmission level customer's request to have PG&E implement the customer's load reduction, then the customer will be subject to the provisions of subsection b, below. If a transmission level customer subject to subsection a, below, exceeds the threshold specified in subsection c below, then the customer will be subject to the provisions of subsection c.(i) or (ii), below.

a. Customer-Implemented Load Reduction.

Notification of Required Load Reduction. When the ISO orders implementation of rotating outages, PG&E shall notify transmission level customers in an affected rotating outage block to drop their load. Within 30 minutes of such notification, the customer must drop its load down to or below its Authorized Residual Ancillary Load. Unless otherwise notified by PG&E to do so, the customer shall not return the dropped load to service until 90 minutes after PG&E sent the notification to the customer to drop its load.

(N)

(Continued)



SCHEDULE A-10—MEDIUM GENERAL DEMAND-METERED SERVICE
(Continued)

ELECTRIC
EMERGENCY
PLAN ROTATING
BLOCK
OUTAGES:
(Cont'd.)

a. Customer-Implemented Load Reduction. (Cont'd.)

(N)

Method of Notification to Drop Load. PG&E will notify transmission level customers through a call to a telephone number designated by the customer. The customer is responsible for informing PG&E, in writing, of the telephone number and contact name for purposes of receiving the notification of a rotating outage. If the customer does not provide PG&E with a telephone number, PG&E will notify the customer in writing of the number to be utilized, which will be the official number for notification, unless the customer provides an alternate number to PG&E within 15 days of the customer's receipt of such written notice. The telephone number may be to a customer owned and maintained business telephone, cellular phone, or separately designated telephone line. If PG&E makes two attempts to notify the customer to drop load in conjunction with a rotating outage, and such attempts are unanswered, the 30 minutes notification period in which to drop the load will commence with the time of the second call, even if the call was unanswered.

Excess Energy Charges. If a transmission level customer fails to drop load within 30 minutes of notification by PG&E, and/or fails to maintain the entire load drop until 90 minutes after the time notification was sent to the customer, PG&E shall assess Excess Energy Charges of \$6 per kWh for all kWh usage in excess of the Authorized Residual Ancillary Load. Such charges will be based on the total kWh usage during the applicable rotating outage penalty period, less the product of Authorized Residual Ancillary Load in kW and the applicable rotating outage penalty period in hours. If applicable, Excess Energy Charges will be determined by PG&E following the rotating outage and applied to the customer's energy bill. Failure to make payment within the timeframe specified in PG&E's Electric Rules 8 and 9 may result in termination of service pursuant to PG&E's Electric Rule 11.

Authorized Residual Ancillary Load. Authorized Residual Ancillary Load is load that is deemed to be equivalent to five (5) percent of the customer's recorded Maximum Demand from the customer's prior billing month. This minimum load level is used as a proxy to allow for no-load transformer losses and ancillary substation equipment loads.

For customers that are net-generators, Excess Energy Charges shall not apply during periods of pre-scheduled verifiable generator maintenance or if the customer's generator suffers a verified forced outage. The scheduled maintenance must be approved in advance by both the ISO and PG&E, but approval may not be unreasonably withheld.

b. PG&E-Implemented Load Reduction.

Non-exempt transmission level customers may seek, in writing, to have PG&E drop the customer's entire load during all applicable rotating outages. If PG&E agrees to such an arrangement, PG&E will implement the load drop by using one of the following methods:

(N)

(Continued)



SCHEDULE A-10—MEDIUM GENERAL DEMAND-METERED SERVICE
(Continued)

ELECTRIC
EMERGENCY
PLAN ROTATING
BLOCK
OUTAGES:
(Cont'd.)

b. PG&E-Implemented Load Reduction. (Cont'd.)

(N)

(i) For transmission level customers whose load can be dropped by existing PG&E remote-controlled equipment, PG&E will implement the load drop during a rotating outage applicable to the customer. The customer will be responsible for dropping load in accordance with the provisions of subsection a, above, including receiving Notification and being subject to Excess Energy charge provisions, until PG&E has provided written notice to the customer of the effective date that PG&E will assume the responsibility for curtailing the customer's load. After receiving written notice from PG&E, the customer will not receive Notification or be subject to the Excess Energy Charge provisions set forth in subsection a, above. PG&E shall be the sole judge of the suitability of utilizing existing PG&E remote-controlled equipment to shed the customer's load. PG&E or the customer may terminate the arrangements under this subsection upon thirty (30) days advance written notice.

(ii) For transmission level customers whose load cannot be dropped by existing PG&E remote-controlled equipment, the customer must request the installation of such remote-controlled equipment at the customer's expense in accordance with PG&E's Electric Rule 2, Section I, Special Facilities. The customer will be responsible for dropping load in accordance with the provisions of subsection a, above, including receiving Notification and being subject to Excess Energy Charge provisions, until all of the following have been completed: 1) payment by the customer for the installation of such equipment, 2) installation and testing of such equipment is complete, and 3) PG&E has provided written notice to the customer of the effective date that PG&E will assume the responsibility for curtailing the customer's load. After the three (3) requirements listed above have been met, the customer will not receive Notification or be subject to the Excess Energy Charge provisions set forth in subsection a, above. PG&E or the customer may terminate their arrangements under this subsection upon thirty (30) days advance written notice.

c. Non-compliance

A non-exempt transmission level customer subject to subsection a, above, shall be considered non-compliant with a single rotating outage event if the customer fails to reduce its load, averaged over the applicable rotating outage penalty period, to a level equal to or less than twenty (20) percent of the customer's recorded Maximum Demand from the customer's prior billing month.

If a customer is non-compliant during any three (3) rotating outages in a three (3) year period, then the customer will be reassigned to the manual rotating outage block that is expected be curtailed next, and the customer will be expected to comply as required pursuant to subsection a, above, with subsequent applicable rotating outages. Further, such a customer must select, via written notice to PG&E, one of the two options below within fifteen (15) days after receiving written notice from PG&E. A customer failing to make a selection within the specified time frame will default to subsection c.(ii) below. The three (3) year period shall commence with the first failure to drop load as specified in this subsection.

(N)

(Continued)



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

19. OPTIONAL
OPTIMAL
BILLING
PERIOD
SERVICE:
(Cont'd.)

c. Customer Charge

Upon enrollment, a special customer charge will be assessed in all six (6) months in the optimal billing period to cover the incremental costs of the required solid state recorder, special program billing, recruitment, and administrative costs. The customer charge shall be \$130 per meter per optimal billing period month for primary and secondary voltage customers. The customer is obligated to pay this monthly customer charge only while enrolled in this option but any customer that drops out may not enroll in this option again for a period of twelve (12) months. Customers who have signed contracts and are awaiting solid state recorders so that they can participate in the program will not be assessed the special customer charge until a solid state recorder has been installed.

For billing purposes, the special customer charge for the optimal billing period service shall be assigned to Distribution.

d. Proration of Charges

All applicable customer charges, demand charges or other applicable fixed charges, shall be prorated as specified in Rule 9. As specified in Rule 9, Sections A and B, the regular billing period will be once each month, and prorations for monthly bills of less than 27 or more than 33 days shall be calculated on the basis of the number of days in the period in question to the total number of days in an average month, as specified in Rule 9.

e. Functional Assignment of Credit

For billing purposes, the Optimal Billing Credit will be assigned to Generation.

20. ELECTRIC
EMERGENCY
PLAN
ROTATING
BLOCK
OUTAGES:

For the purposes of this Section 20 only, transmission level customers are those customers that are served from a "single customer substation" as defined in PG&E's Electric Rule 1 or without transformation at one of the standard transmission voltages specified in PG&E's Electric Rule 2, Section B.1.

Transmission level customers, except for those customers meeting the CPUC's criteria for essential use or those otherwise exempt from rotating outages in accordance with CPUC Decisions, will be incorporated into PG&E's rotating outage block plan and subjected to load interruptions when rotating block outages are ordered by the ISO. PG&E will, to the extent practical, follow the applicable principles and procedures specified in PG&E's Electric Rule 14, by the CPUC, and by the ISO. To the extent feasible, PG&E will coordinate rotating outages applicable to customers who are fossil fuel producers, pipeline operators and users to minimize disruption to public health and safety. PG&E shall not include a transmission level customer in an applicable rotating outage block if the customer's inclusion would jeopardize system integrity.

Transmission level customers who are not exempt from rotating outages may submit an Optional Binding Mandatory Curtailment (OBMC) Plan to PG&E in accordance with PG&E's Electric Schedule OBMC. If PG&E approves a customer's OBMC Plan, the customer will become exempt from rotating outages and will be subject to the terms and conditions of PG&E's Electric Schedule OBMC and its associated agreement.

(D)

(N)

(N)

(Continued)



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

20. ELECTRIC
EMERGENCY
PLAN
ROTATING
BLOCK
OUTAGES:
(Cont'd.)

Non-exempt transmission level customers shall be required to undergo rotating outages applicable to the customer's assigned rotating outage block by either (1) implementing the load reduction on their own initiative, in accordance with subsection 20.a, below; or (2) having PG&E implement the load reduction through PG&E-owned remote-controlled equipment in accordance with subsection 20.b, below. A transmission level customer shall normally be subject to the provisions of subsection 20.a. If PG&E approves a transmission level customer's request to have PG&E implement the customer's load reduction, then the customer will be subject to the provisions of subsection 20.b, below. If a transmission level customer subject to subsection 20.a, below, exceeds the threshold specified in subsection 20.c below, then the customer will be subject to the provisions of subsection 20.c.(i) or (ii), below.

(N)

a. Customer-Implemented Load Reduction.

Notification of Required Load Reduction. When the ISO orders implementation of rotating outages, PG&E shall notify transmission level customers in an affected rotating outage block to drop their load. Within 30 minutes of such notification, the customer must drop its load down to or below its Authorized Residual Ancillary Load. Unless otherwise notified by PG&E to do so, the customer shall not return the dropped load to service until 90 minutes after PG&E sent the notification to the customer to drop its load.

Method of Notification to Drop Load. PG&E will notify transmission level customers through a call to a telephone number designated by the customer. The customer is responsible for informing PG&E, in writing, of the telephone number and contact name for purposes of receiving the notification of a rotating outage. If the customer does not provide PG&E with a telephone number, PG&E will notify the customer in writing of the number to be utilized, which will be the official number for notification, unless the customer provides an alternate number to PG&E within 15 days of the customer's receipt of such written notice. The telephone number may be to a customer owned and maintained business telephone, cellular phone, or separately designated telephone line. If PG&E makes two attempts to notify the customer to drop load in conjunction with a rotating outage, and such attempts are unanswered, the 30 minutes notification period in which to drop the load will commence with the time of the second call, even if the call was unanswered.

Excess Energy Charges. If a transmission level customer fails to drop load within 30 minutes of notification by PG&E, and/or fails to maintain the entire load drop until 90 minutes after the time notification was sent to the customer, PG&E shall assess Excess Energy Charges of \$6 per kWh for all kWh usage in excess of the Authorized Residual Ancillary Load. Such charges will be based on the total kWh usage during the applicable rotating outage penalty period, less the product of Authorized Residual Ancillary Load in kW and the applicable rotating outage penalty period in hours. If applicable, Excess Energy Charges will be determined by PG&E following the rotating outage and applied to the customer's energy bill. Failure to make payment within the timeframe specified in PG&E's Electric Rules 8 and 9 may result in termination of service pursuant to PG&E's Electric Rule 11.

(N)

(L)

(Continued)



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

20. ELECTRIC
EMERGENCY
PLAN
ROTATING
BLOCK
OUTAGES:
(Cont'd.)

a. Customer-Implemented Load Reduction. (Cont'd.)

(N)

Authorized Residual Ancillary Load. Authorized Residual Ancillary Load is load that is deemed to be equivalent to five (5) percent of the customer's recorded Maximum Demand from the customer's prior billing month. This minimum load level is used as a proxy to allow for no-load transformer losses and ancillary substation equipment loads.

For customers that are net-generators, Excess Energy Charges shall not apply during periods of pre-scheduled verifiable generator maintenance or if the customer's generator suffers a verified forced outage. The scheduled maintenance must be approved in advance by both the ISO and PG&E, but approval may not be unreasonably withheld.

b. PG&E-Implemented Load Reduction.

Non-exempt transmission level customers may seek, in writing, to have PG&E drop the customer's entire load during all applicable rotating outages. If PG&E agrees to such an arrangement, PG&E will implement the load drop by using one of the following methods:

- (i) For transmission level customers whose load can be dropped by existing PG&E remote-controlled equipment, PG&E will implement the load drop during a rotating outage applicable to the customer. The customer will be responsible for dropping load in accordance with the provisions of subsection 20.a, above, including receiving Notification and being subject to Excess Energy charge provisions, until PG&E has provided written notice to the customer of the effective date that PG&E will assume the responsibility for curtailing the customer's load. After receiving written notice from PG&E, the customer will not receive Notification or be subject to the Excess Energy Charge provisions set forth in subsection 20.a, above. PG&E shall be the sole judge of the suitability of utilizing existing PG&E remote-controlled equipment to shed the customer's load. PG&E or the customer may terminate the arrangements under this subsection upon thirty (30) days advance written notice.
- (ii) For transmission level customers whose load cannot be dropped by existing PG&E remote-controlled equipment, the customer must request the installation of such remote-controlled equipment at the customer's expense in accordance with PG&E's Electric Rule 2, Section I, Special Facilities. The customer will be responsible for dropping load in accordance with the provisions of subsection 20.a, above, including receiving Notification and being subject to Excess Energy Charge provisions, until all of the following have been completed: 1) payment by the customer for the installation of such equipment, 2) installation and testing of such equipment is complete, and 3) PG&E has provided written notice to the customer of the effective date that PG&E will assume the responsibility for curtailing the customer's load. After the three (3) requirements listed above have been met, the customer will not receive Notification or be subject to the Excess Energy Charge provisions set forth in subsection 20.a, above. PG&E or the customer may terminate their arrangements under this subsection upon thirty (30) days advance written notice.

(N)

(Continued)



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

20. ELECTRIC
EMERGENCY
PLAN
ROTATING
BLOCK
OUTAGES:
(Cont'd.)

c. Non-compliance

(N)

A non-exempt transmission level customer subject to subsection 20.a, above, shall be considered non-compliant with a single rotating outage event if the customer fails to reduce its load, averaged over the applicable rotating outage penalty period, to a level equal to or less than twenty (20) percent of the customer's recorded Maximum Demand from the customer's prior billing month.

If a customer is non-compliant during any three (3) rotating outages in a three (3) year period, then the customer will be reassigned to the manual rotating outage block that is expected be curtailed next, and the customer will be expected to comply as required pursuant to subsection 20.a, above, with subsequent applicable rotating outages. Further, such a customer must select, via written notice to PG&E, one of the two options below within fifteen (15) days after receiving written notice from PG&E. A customer failing to make a selection within the specified time frame will default to subsection 20.c.(ii) below. The three (3) year period shall commence with the first failure to drop load as specified in this subsection.

(i) Subject to PG&E's Electric Schedule E-OBMC Optional Binding Mandatory Curtailment Plan. The customer shall become subject to PG&E's Electric Schedule OBMC. The customer shall submit an OBMC Plan, in accordance with PG&E's Electric Schedule E-OBMC, within thirty (30) days of receiving written notice from PG&E. Pending the submittal of the OBMC Plan by the customer and pending the review and acceptance of the OBMC Plan by PG&E, the customer will remain responsible for dropping load in accordance with the provisions of subsection 20.a, above, including the receiving of Notification and being subject to Excess Energy Charge provisions. Customers subject to this subsection that in turn fail to meet one or more requirements specified in PG&E's Electric Schedule E-OBMC shall be transferred to subsection 20.c.(ii), below.

(ii) PG&E Implemented Load Reductions. PG&E shall proceed with one of the following: (1) For those customers where PG&E already has load drop equipment with remote-control capability installed, PG&E will drop the customer's entire load for all applicable subsequent rotating outages in accordance with the provisions of subsection 20.b, above, except the customer shall not have the option to terminate their obligations under subsection 20.b. PG&E shall be the sole judge of the suitability of utilizing existing PG&E remote-controlled equipment to shed the customer's load. (2) For customers where PG&E does not have load drop equipment with remote-control capability installed, PG&E shall install such equipment at the customer's expense in accordance with PG&E's Electric Rule 2, Section 1, Special Facilities. After such equipment has been installed, PG&E will drop the customer's entire load for all applicable subsequent rotating outages in accordance with the provisions of subsection 20.b, above, except the customer shall not have the option to terminate their obligations under subsection 20.b. Pending the installation of such equipment, the customer will remain responsible for dropping load in accordance with the provisions of subsection 20.a, above, including receiving the Notification and being subject to Excess Energy Charge provisions.

(N)

(Continued)



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

16. OPTIONAL
OPTIMAL
BILLING
PERIOD
SERVICE:
(Cont'd.)

d. Proration of Charges

All applicable customer charges, demand charges or other applicable fixed charges, shall be prorated as specified in Rule 9. As specified in Rule 9, Sections A and B, the regular billing period will be once each month, and prorations for monthly bills of less than 27 or more than 33 days shall be calculated on the basis of the number of days in the period in question to the total number of days in an average month, as specified in Rule 9.

e. Functional Assignment of Credit

For billing purposes, the optional billing credit will be assigned to Generation.

17. ELECTRIC
EMERGENCY
PLAN
ROTATING
BLOCK
OUTAGES:

For the purposes of this Section 17 only, transmission level customers are those customers that are served from a "single customer substation" as defined in PG&E's Electric Rule 1 or without transformation at one of the standard transmission voltages specified in PG&E's Electric Rule 2, Section B.1.

Transmission level customers, except for those customers meeting the CPUC's criteria for essential use or those otherwise exempt from rotating outages in accordance with CPUC Decisions, will be incorporated into PG&E's rotating outage block plan and subjected to load interruptions when rotating block outages are ordered by the ISO. PG&E will, to the extent practical, follow the applicable principles and procedures specified in PG&E's Electric Rule 14, by the CPUC, and by the ISO. To the extent feasible, PG&E will coordinate rotating outages applicable to customers who are fossil fuel producers, pipeline operators and users to minimize disruption to public health and safety. PG&E shall not include a transmission level customer in an applicable rotating outage block if the customer's inclusion would jeopardize system integrity. Transmission level customers who are not exempt from rotating outages may submit an Optional Binding Mandatory Curtailment (OBMC) Plan to PG&E in accordance with PG&E's Electric Schedule OBMC. If PG&E approves a customer's OBMC Plan, the customer will become exempt from rotating outages and will be subject to the terms and conditions of PG&E's Electric Schedule OBMC and its associated agreement.

Non-exempt transmission level customers shall be required to undergo rotating outages applicable to the customer's assigned rotating outage block by either (1) implementing the load reduction on their own initiative, in accordance with subsection 17.a, below; or (2) having PG&E implement the load reduction through PG&E-owned remote-controlled equipment in accordance with subsection 17.b, below. A transmission level customer shall normally be subject to the provisions of subsection 17.a. If PG&E approves a transmission level customer's request to have PG&E implement the customer's load reduction, then the customer will be subject to the provisions of subsection 17.b, below. If a transmission level customer subject to subsection 17.a, below, exceeds the threshold specified in subsection 17.c below, then the customer will be subject to the provisions of subsection 17.c.(i) or (ii), below.

(D)

(N)

(N)

(L)

(Continued)



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

17. ELECTRIC
EMERGENCY
PLAN
ROTATING
BLOCK
OUTAGES:
(Cont'd.)

a. Customer-Implemented Load Reduction.

(N)

Notification of Required Load Reduction. When the ISO orders implementation of rotating outages, PG&E shall notify transmission level customers in an affected rotating outage block to drop their load. Within 30 minutes of such notification, the customer must drop its load down to or below its Authorized Residual Ancillary Load. Unless otherwise notified by PG&E to do so, the customer shall not return the dropped load to service until 90 minutes after PG&E sent the notification to the customer to drop its load.

Method of Notification to Drop Load. PG&E will notify transmission level customers through a call to a telephone number designated by the customer. The customer is responsible for informing PG&E, in writing, of the telephone number and contact name for purposes of receiving the notification of a rotating outage. If the customer does not provide PG&E with a telephone number, PG&E will notify the customer in writing of the number to be utilized, which will be the official number for notification, unless the customer provides an alternate number to PG&E within 15 days of the customer's receipt of such written notice. The telephone number may be to a customer owned and maintained business telephone, cellular phone, or separately designated telephone line. If PG&E makes two attempts to notify the customer to drop load in conjunction with a rotating outage, and such attempts are unanswered, the 30 minutes notification period in which to drop the load will commence with the time of the second call, even if the call was unanswered.

Excess Energy Charges. If a transmission level customer fails to drop load within 30 minutes of notification by PG&E, and/or fails to maintain the entire load drop until 90 minutes after the time notification was sent to the customer, PG&E shall assess Excess Energy Charges of \$6 per kWh for all kWh usage in excess of the Authorized Residual Ancillary Load. Such charges will be based on the total kWh usage during the applicable rotating outage penalty period, less the product of Authorized Residual Ancillary Load in kW and the applicable rotating outage penalty period in hours. If applicable, Excess Energy Charges will be determined by PG&E following the rotating outage and applied to the customer's energy bill. Failure to make payment within the timeframe specified in PG&E's Electric Rules 8 and 9 may result in termination of service pursuant to PG&E's Electric Rule 11.

Authorized Residual Ancillary Load. Authorized Residual Ancillary Load is load that is deemed to be equivalent to five (5) percent of the customer's recorded Maximum Demand from the customer's prior billing month. This minimum load level is used as a proxy to allow for no-load transformer losses and ancillary substation equipment loads.

For customers that are net-generators, Excess Energy Charges shall not apply during periods of pre-scheduled verifiable generator maintenance or if the customer's generator suffers a verified forced outage. The scheduled maintenance must be approved in advance by both the ISO and PG&E, but approval may not be unreasonably withheld.

(N)

(Continued)



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

17. ELECTRIC
EMERGENCY
PLAN
ROTATING
BLOCK
OUTAGES:
(Cont'd.)

b. PG&E-Implemented Load Reduction.

(N)

Non-exempt transmission level customers may seek, in writing, to have PG&E drop the customer's entire load during all applicable rotating outages. If PG&E agrees to such an arrangement, PG&E will implement the load drop by using one of the following methods:

- (i) For transmission level customers whose load can be dropped by existing PG&E remote-controlled equipment, PG&E will implement the load drop during a rotating outage applicable to the customer. The customer will be responsible for dropping load in accordance with the provisions of subsection 17.a, above, including receiving Notification and being subject to Excess Energy charge provisions, until PG&E has provided written notice to the customer of the effective date that PG&E will assume the responsibility for curtailing the customer's load. After receiving written notice from PG&E, the customer will not receive Notification or be subject to the Excess Energy Charge provisions set forth in subsection 17.a, above. PG&E shall be the sole judge of the suitability of utilizing existing PG&E remote-controlled equipment to shed the customer's load. PG&E or the customer may terminate the arrangements under this subsection upon thirty (30) days advance written notice.
- (ii) For transmission level customers whose load cannot be dropped by existing PG&E remote-controlled equipment, the customer must request the installation of such remote-controlled equipment at the customer's expense in accordance with PG&E's Electric Rule 2, Section I, Special Facilities. The customer will be responsible for dropping load in accordance with the provisions of subsection 17.a, above, including receiving Notification and being subject to Excess Energy Charge provisions, until all of the following have been completed: 1) payment by the customer for the installation of such equipment, 2) installation and testing of such equipment is complete, and 3) PG&E has provided written notice to the customer of the effective date that PG&E will assume the responsibility for curtailing the customer's load. After the three (3) requirements listed above have been met, the customer will not receive Notification or be subject to the Excess Energy Charge provisions set forth in subsection 17.a, above. PG&E or the customer may terminate their arrangements under this subsection upon thirty (30) days advance written notice.

(N)

(Continued)



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

17. ELECTRIC
EMERGENCY
PLAN
ROTATING
BLOCK
OUTAGES:
(Cont'd.)

c. Non-compliance

(N)

A non-exempt transmission level customer subject to subsection 17.a, above, shall be considered non-compliant with a single rotating outage event if the customer fails to reduce its load, averaged over the applicable rotating outage penalty period, to a level equal to or less than twenty (20) percent of the customer's recorded Maximum Demand from the customer's prior billing month.

If a customer is non-compliant during any three (3) rotating outages in a three (3) year period, then the customer will be reassigned to the manual rotating outage block that is expected be curtailed next, and the customer will be expected to comply as required pursuant to subsection 17.a, above, with subsequent applicable rotating outages. Further, such a customer must select, via written notice to PG&E, one of the two options below within fifteen (15) days after receiving written notice from PG&E. A customer failing to make a selection within the specified time frame will default to subsection 17.c.(ii) below. The three (3) year period shall commence with the first failure to drop load as specified in this subsection.

(i) Subject to PG&E's Electric Schedule E-OBMC Optional Binding Mandatory Curtailment Plan. The customer shall become subject to PG&E's Electric Schedule OBMC. The customer shall submit an OBMC Plan, in accordance with PG&E's Electric Schedule E-OBMC, within thirty (30) days of receiving written notice from PG&E. Pending the submittal of the OBMC Plan by the customer and pending the review and acceptance of the OBMC Plan by PG&E, the customer will remain responsible for dropping load in accordance with the provisions of subsection 17.a, above, including the receiving of Notification and being subject to Excess Energy Charge provisions. Customers subject to this subsection that in turn fail to meet one or more requirements specified in PG&E's Electric Schedule E-OBMC shall be transferred to subsection 17.c.(ii), below.

(ii) PG&E Implemented Load Reductions. PG&E shall proceed with one of the following: (1) For those customers where PG&E already has load drop equipment with remote-control capability installed, PG&E will drop the customer's entire load for all applicable subsequent rotating outages in accordance with the provisions of subsection 17.b, above, except the customer shall not have the option to terminate their obligations under subsection 17.b. PG&E shall be the sole judge of the suitability of utilizing existing PG&E remote-controlled equipment to shed the customer's load. (2) For customers where PG&E does not have load drop equipment with remote-control capability installed, PG&E shall install such equipment at the customer's expense in accordance with PG&E's Electric Rule 2, Section I, Special Facilities. After such equipment has been installed, PG&E will drop the customer's entire load for all applicable subsequent rotating outages in accordance with the provisions of subsection 17.b, above, except the customer shall not have the option to terminate their obligations under subsection 17.b. Pending the installation of such equipment, the customer will remain responsible for dropping load in accordance with the provisions of subsection 17.a, above, including receiving the Notification and being subject to Excess Energy Charge provisions.

(N)

(Continued)



SCHEDULE E-25—RESTRICTED VARIABLE-PEAK-PERIOD TIME-OF-USE SERVICE TO WATER AGENCIES
(Continued)

14. ELECTRIC
EMERGENCY
PLAN
ROTATING
BLOCK
OUTAGES:

For the purposes of this Section 14 only, transmission level customers are those customers that are served from a "single customer substation" as defined in PG&E's Electric Rule 1 or without transformation at one of the standard transmission voltages specified in PG&E's Electric Rule 2, Section B.1.

Transmission level customers, except for those customers meeting the CPUC's criteria for essential use or those otherwise exempt from rotating outages in accordance with CPUC Decisions, will be incorporated into PG&E's rotating outage block plan and subjected to load interruptions when rotating block outages are ordered by the ISO. PG&E will, to the extent practical, follow the applicable principles and procedures specified in PG&E's Electric Rule 14, by the CPUC, and by the ISO. To the extent feasible, PG&E will coordinate rotating outages applicable to customers who are fossil fuel producers, pipeline operators and users to minimize disruption to public health and safety. PG&E shall not include a transmission level customer in an applicable rotating outage block if the customer's inclusion would jeopardize system integrity. Transmission level customers who are not exempt from rotating outages may submit an Optional Binding Mandatory Curtailment (OBMC) Plan to PG&E in accordance with PG&E's Electric Schedule OBMC. If PG&E approves a customer's OBMC Plan, the customer will become exempt from rotating outages and will be subject to the terms and conditions of PG&E's Electric Schedule OBMC and its associated agreement.

Non-exempt transmission level customers shall be required to undergo rotating outages applicable to the customer's assigned rotating outage block by either (1) implementing the load reduction on their own initiative, in accordance with subsection 14.a, below; or (2) having PG&E implement the load reduction through PG&E-owned remote-controlled equipment in accordance with subsection 14.b, below. A transmission level customer shall normally be subject to the provisions of subsection 14.a. If PG&E approves a transmission level customer's request to have PG&E implement the customer's load reduction, then the customer will be subject to the provisions of subsection 14.b, below. If a transmission level customer subject to subsection 14.a, below, exceeds the threshold specified in subsection 14.c below, then the customer will be subject to the provisions of subsection 14.c.(i) or (ii), below.

a. Customer-Implemented Load Reduction.

Notification of Required Load Reduction. When the ISO orders implementation of rotating outages, PG&E shall notify transmission level customers in an affected rotating outage block to drop their load. Within 30 minutes of such notification, the customer must drop its load down to or below its Authorized Residual Ancillary Load. Unless otherwise notified by PG&E to do so, the customer shall not return the dropped load to service until 90 minutes after PG&E sent the notification to the customer to drop its load.

(N)

(N)

(Continued)



SCHEDULE E-25—RESTRICTED VARIABLE-PEAK-PERIOD TIME-OF-USE SERVICE TO WATER AGENCIES
(Continued)

14. ELECTRIC
EMERGENCY
PLAN
ROTATING
BLOCK
OUTAGES:
(Cont'd.)

a. Customer-Implemented Load Reduction. (Cont'd.)

(N)

Method of Notification to Drop Load. PG&E will notify transmission level customers through a call to a telephone number designated by the customer. The customer is responsible for informing PG&E, in writing, of the telephone number and contact name for purposes of receiving the notification of a rotating outage. If the customer does not provide PG&E with a telephone number, PG&E will notify the customer in writing of the number to be utilized, which will be the official number for notification, unless the customer provides an alternate number to PG&E within 15 days of the customer's receipt of such written notice. The telephone number may be to a customer owned and maintained business telephone, cellular phone, or separately designated telephone line. If PG&E makes two attempts to notify the customer to drop load in conjunction with a rotating outage, and such attempts are unanswered, the 30 minutes notification period in which to drop the load will commence with the time of the second call, even if the call was unanswered.

Excess Energy Charges. If a transmission level customer fails to drop load within 30 minutes of notification by PG&E, and/or fails to maintain the entire load drop until 90 minutes after the time notification was sent to the customer, PG&E shall assess Excess Energy Charges of \$6 per kWh for all kWh usage in excess of the Authorized Residual Ancillary Load. Such charges will be based on the total kWh usage during the applicable rotating outage penalty period, less the product of Authorized Residual Ancillary Load in kW and the applicable rotating outage penalty period in hours. If applicable, Excess Energy Charges will be determined by PG&E following the rotating outage and applied to the customer's energy bill. Failure to make payment within the timeframe specified in PG&E's Electric Rules 8 and 9 may result in termination of service pursuant to PG&E's Electric Rule 11.

Authorized Residual Ancillary Load. Authorized Residual Ancillary Load is load that is deemed to be equivalent to five (5) percent of the customer's recorded Maximum Demand from the customer's prior billing month. This minimum load level is used as a proxy to allow for no-load transformer losses and ancillary substation equipment loads.

For customers that are net-generators, Excess Energy Charges shall not apply during periods of pre-scheduled verifiable generator maintenance or if the customer's generator suffers a verified forced outage. The scheduled maintenance must be approved in advance by both the ISO and PG&E, but approval may not be unreasonably withheld.

b. PG&E-Implemented Load Reduction.

Non-exempt transmission level customers may seek, in writing, to have PG&E drop the customer's entire load during all applicable rotating outages. If PG&E agrees to such an arrangement, PG&E will implement the load drop by using one of the following methods:

(N)

(Continued)



SCHEDULE E-25—RESTRICTED VARIABLE-PEAK-PERIOD TIME-OF-USE SERVICE TO WATER AGENCIES
(Continued)

14. ELECTRIC
EMERGENCY
PLAN
ROTATING
BLOCK
OUTAGES:
(Cont'd.)

b. PG&E-Implemented Load Reduction. (Cont'd.)

(N)

(i) For transmission level customers whose load can be dropped by existing PG&E remote-controlled equipment, PG&E will implement the load drop during a rotating outage applicable to the customer. The customer will be responsible for dropping load in accordance with the provisions of subsection 14.a, above, including receiving Notification and being subject to Excess Energy charge provisions, until PG&E has provided written notice to the customer of the effective date that PG&E will assume the responsibility for curtailing the customer's load. After receiving written notice from PG&E, the customer will not receive Notification or be subject to the Excess Energy Charge provisions set forth in subsection 14.a, above. PG&E shall be the sole judge of the suitability of utilizing existing PG&E remote-controlled equipment to shed the customer's load. PG&E or the customer may terminate the arrangements under this subsection upon thirty (30) days advance written notice.

(ii) For transmission level customers whose load cannot be dropped by existing PG&E remote-controlled equipment, the customer must request the installation of such remote-controlled equipment at the customer's expense in accordance with PG&E's Electric Rule 2, Section I, Special Facilities. The customer will be responsible for dropping load in accordance with the provisions of subsection 14.a, above, including receiving Notification and being subject to Excess Energy Charge provisions, until all of the following have been completed: 1) payment by the customer for the installation of such equipment, 2) installation and testing of such equipment is complete, and 3) PG&E has provided written notice to the customer of the effective date that PG&E will assume the responsibility for curtailing the customer's load. After the three (3) requirements listed above have been met, the customer will not receive Notification or be subject to the Excess Energy Charge provisions set forth in subsection 14.a, above. PG&E or the customer may terminate their arrangements under this subsection upon thirty (30) days advance written notice.

c. Non-compliance

A non-exempt transmission level customer subject to subsection 14.a, above, shall be considered non-compliant with a single rotating outage event if the customer fails to reduce its load, averaged over the applicable rotating outage penalty period, to a level equal to or less than twenty (20) percent of the customer's recorded Maximum Demand from the customer's prior billing month.

If a customer is non-compliant during any three (3) rotating outages in a three (3) year period, then the customer will be reassigned to the manual rotating outage block that is expected be curtailed next, and the customer will be expected to comply as required pursuant to subsection 14.a, above, with subsequent applicable rotating outages. Further, such a customer must select, via written notice to PG&E, one of the two options below within fifteen (15) days after receiving written notice from PG&E. A customer failing to make a selection within the specified time frame will default to subsection 14.c.(ii) below. The three (3) year period shall commence with the first failure to drop load as specified in this subsection.

(N)

(Continued)



COMMERCIAL/INDUSTRIAL/GENERAL
SCHEDULE E-37—MEDIUM GENERAL DEMAND-METERED TIME-OF-USE SERVICE
TO OIL AND GAS EXTRACTION CUSTOMERS
(Continued)

10. BILLING: **Direct Access Customers** purchase energy from an energy service provider and
(Cont'd.) continue receiving delivery services from PG&E. The energy charge is determined as
specified for a Bundled Service Customer. The bill will be calculated as for a Bundled
Service Customer, but the customer will receive a credit for the energy charge. The
Cost Responsibility Surcharge applies to Direct Access Customers. This charge and
exemptions to this charge are further described in Schedule EC.

Hourly Pricing Option: This option is suspended.

Nothing in this rate schedule prohibits a marketer or broker from negotiating with
customers the method by which their customer will pay the CTC charge.

11. STANDBY DISTRIBUTED ENERGY RESOURCES EXEMPTION: Customers qualifying for an
APPLICA- exemption from standby charges under Public Utilities (PU) Code Sections 353.1 and
BILITY: 353.3, as described above, must transfer to Schedule E-19, 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 time-of-use (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.

12. ELECTRIC For the purposes of this Section 12 only, transmission level customers are those (N)
EMERGENCY customers that are served from a "single customer substation" as defined in PG&E's
PLAN Electric Rule 1 or without transformation at one of the standard transmission voltages
ROTATING specified in PG&E's Electric Rule 2, Section B.1.
BLOCK
OUTAGES: Transmission level customers, except for those customers meeting the CPUC's criteria
for essential use or those otherwise exempt from rotating outages in accordance with
CPUC Decisions, will be incorporated into PG&E's rotating outage block plan and
subjected to load interruptions when rotating block outages are ordered by the ISO.
PG&E will, to the extent practical, follow the applicable principles and procedures
specified in PG&E's Electric Rule 14, by the CPUC, and by the ISO. To the extent
feasible, PG&E will coordinate rotating outages applicable to customers who are fossil
fuel producers, pipeline operators and users to minimize disruption to public health and
safety. PG&E shall not include a transmission level customer in an applicable rotating
outage block if the customer's inclusion would jeopardize system integrity. Transmission
level customers who are not exempt from rotating outages may submit an Optional
Binding Mandatory Curtailment (OBMC) Plan to PG&E in accordance with PG&E's
Electric Schedule OBMC. If PG&E approves a customer's OBMC Plan, the customer will
become exempt from rotating outages and will be subject to the terms and conditions of
PG&E's Electric Schedule OBMC and its associated agreement. (N)

(Continued)



COMMERCIAL/INDUSTRIAL/GENERAL
SCHEDULE E-37—MEDIUM GENERAL DEMAND-METERED TIME-OF-USE SERVICE
TO OIL AND GAS EXTRACTION CUSTOMERS
(Continued)

12. ELECTRIC
EMERGENCY
PLAN
ROTATING
BLOCK
OUTAGES:
(Cont'd.)

c. Non-compliance (Cont'd.)

(i) Subject to PG&E's Electric Schedule E-OBMC Optional Binding Mandatory Curtailment Plan. The customer shall become subject to PG&E's Electric Schedule OBMC. The customer shall submit an OBMC Plan, in accordance with PG&E's Electric Schedule E-OBMC, within thirty (30) days of receiving written notice from PG&E. Pending the submittal of the OBMC Plan by the customer and pending the review and acceptance of the OBMC Plan by PG&E, the customer will remain responsible for dropping load in accordance with the provisions of subsection 12.a, above, including the receiving of Notification and being subject to Excess Energy Charge provisions. Customers subject to this subsection that in turn fail to meet one or more requirements specified in PG&E's Electric Schedule E-OBMC shall be transferred to subsection 12.c.(ii), below.

(ii) PG&E Implemented Load Reductions. PG&E shall proceed with one of the following: (1) For those customers where PG&E already has load drop equipment with remote-control capability installed, PG&E will drop the customer's entire load for all applicable subsequent rotating outages in accordance with the provisions of subsection 12.b, above, except the customer shall not have the option to terminate their obligations under subsection 12.b. PG&E shall be the sole judge of the suitability of utilizing existing PG&E remote-controlled equipment to shed the customer's load. (2) For customers where PG&E does not have load drop equipment with remote-control capability installed, PG&E shall install such equipment at the customer's expense in accordance with PG&E's Electric Rule 2, Section I, Special Facilities. After such equipment has been installed, PG&E will drop the customer's entire load for all applicable subsequent rotating outages in accordance with the provisions of subsection 12.b, above, except the customer shall not have the option to terminate their obligations under subsection 12.b. Pending the installation of such equipment, the customer will remain responsible for dropping load in accordance with the provisions of subsection 12.a, above, including receiving the Notification and being subject to Excess Energy Charge provisions.

(N)

(N)



SCHEDULE AG-5—LARGE TIME-OF-USE AGRICULTURAL POWER
(Continued)

20. ELECTRIC
EMERGENCY
PLAN
ROTATING
BLOCK
OUTAGES:
(Cont'd.)

Non-exempt transmission level customers shall be required to undergo rotating outages applicable to the customer's assigned rotating outage block by either (1) implementing the load reduction on their own initiative, in accordance with subsection 20.a, below; or (2) having PG&E implement the load reduction through PG&E-owned remote-controlled equipment in accordance with subsection 20.b, below. A transmission level customer shall normally be subject to the provisions of subsection 20.a. If PG&E approves a transmission level customer's request to have PG&E implement the customer's load reduction, then the customer will be subject to the provisions of subsection 20.b, below. If a transmission level customer subject to subsection 20.a, below, exceeds the threshold specified in subsection 20.c below, then the customer will be subject to the provisions of subsection 20.c.(i) or (ii), below.

(N)

a. Customer-Implemented Load Reduction.

Notification of Required Load Reduction. When the ISO orders implementation of rotating outages, PG&E shall notify transmission level customers in an affected rotating outage block to drop their load. Within 30 minutes of such notification, the customer must drop its load down to or below its Authorized Residual Ancillary Load. Unless otherwise notified by PG&E to do so, the customer shall not return the dropped load to service until 90 minutes after PG&E sent the notification to the customer to drop its load.

Method of Notification to Drop Load. PG&E will notify transmission level customers through a call to a telephone number designated by the customer. The customer is responsible for informing PG&E, in writing, of the telephone number and contact name for purposes of receiving the notification of a rotating outage. If the customer does not provide PG&E with a telephone number, PG&E will notify the customer in writing of the number to be utilized, which will be the official number for notification, unless the customer provides an alternate number to PG&E within 15 days of the customer's receipt of such written notice. The telephone number may be to a customer owned and maintained business telephone, cellular phone, or separately designated telephone line. If PG&E makes two attempts to notify the customer to drop load in conjunction with a rotating outage, and such attempts are unanswered, the 30 minutes notification period in which to drop the load will commence with the time of the second call, even if the call was unanswered.

Excess Energy Charges. If a transmission level customer fails to drop load within 30 minutes of notification by PG&E, and/or fails to maintain the entire load drop until 90 minutes after the time notification was sent to the customer, PG&E shall assess Excess Energy Charges of \$6 per kWh for all kWh usage in excess of the Authorized Residual Ancillary Load. Such charges will be based on the total kWh usage during the applicable rotating outage penalty period, less the product of Authorized Residual Ancillary Load in kW and the applicable rotating outage penalty period in hours. If applicable, Excess Energy Charges will be determined by PG&E following the rotating outage and applied to the customer's energy bill. Failure to make payment within the timeframe specified in PG&E's Electric Rules 8 and 9 may result in termination of service pursuant to PG&E's Electric Rule 11.

(N)

(Continued)



SCHEDULE AG-5—LARGE TIME-OF-USE AGRICULTURAL POWER
(Continued)

20. ELECTRIC
EMERGENCY
PLAN
ROTATING
BLOCK
OUTAGES:
(Cont'd.)

a. Customer-Implemented Load Reduction. (Cont'd.)

Authorized Residual Ancillary Load. Authorized Residual Ancillary Load is load that is deemed to be equivalent to five (5) percent of the customer's recorded Maximum Demand from the customer's prior billing month. This minimum load level is used as a proxy to allow for no-load transformer losses and ancillary substation equipment loads.

For customers that are net-generators, Excess Energy Charges shall not apply during periods of pre-scheduled verifiable generator maintenance or if the customer's generator suffers a verified forced outage. The scheduled maintenance must be approved in advance by both the ISO and PG&E, but approval may not be unreasonably withheld.

b. PG&E-Implemented Load Reduction.

Non-exempt transmission level customers may seek, in writing, to have PG&E drop the customer's entire load during all applicable rotating outages. If PG&E agrees to such an arrangement, PG&E will implement the load drop by using one of the following methods:

- (i) For transmission level customers whose load can be dropped by existing PG&E remote-controlled equipment, PG&E will implement the load drop during a rotating outage applicable to the customer. The customer will be responsible for dropping load in accordance with the provisions of subsection 20.a, above, including receiving Notification and being subject to Excess Energy charge provisions, until PG&E has provided written notice to the customer of the effective date that PG&E will assume the responsibility for curtailing the customer's load. After receiving written notice from PG&E, the customer will not receive Notification or be subject to the Excess Energy Charge provisions set forth in subsection 20.a, above. PG&E shall be the sole judge of the suitability of utilizing existing PG&E remote-controlled equipment to shed the customer's load. PG&E or the customer may terminate the arrangements under this subsection upon thirty (30) days advance written notice.
- (ii) For transmission level customers whose load cannot be dropped by existing PG&E remote-controlled equipment, the customer must request the installation of such remote-controlled equipment at the customer's expense in accordance with PG&E's Electric Rule 2, Section I, Special Facilities. The customer will be responsible for dropping load in accordance with the provisions of subsection 20.a, above, including receiving Notification and being subject to Excess Energy Charge provisions, until all of the following have been completed: 1) payment by the customer for the installation of such equipment, 2) installation and testing of such equipment is complete, and 3) PG&E has provided written notice to the customer of the effective date that PG&E will assume the responsibility for curtailing the customer's load. After the three (3) requirements listed above have been met, the customer will not receive Notification or be subject to the Excess Energy Charge provisions set forth in subsection 20.a, above. PG&E or the customer may terminate their arrangements under this subsection upon thirty (30) days advance written notice.

(N)

(N)

(Continued)



SCHEDULE AG-5—LARGE TIME-OF-USE AGRICULTURAL POWER
(Continued)

20. ELECTRIC
EMERGENCY
PLAN
ROTATING
BLOCK
OUTAGES:
(Cont'd.)

c. Non-compliance

(N)

A non-exempt transmission level customer subject to subsection 20.a, above, shall be considered non-compliant with a single rotating outage event if the customer fails to reduce its load, averaged over the applicable rotating outage penalty period, to a level equal to or less than twenty (20) percent of the customer's recorded Maximum Demand from the customer's prior billing month.

If a customer is non-compliant during any three (3) rotating outages in a three (3) year period, then the customer will be reassigned to the manual rotating outage block that is expected be curtailed next, and the customer will be expected to comply as required pursuant to subsection 20.a, above, with subsequent applicable rotating outages. Further, such a customer must select, via written notice to PG&E, one of the two options below within fifteen (15) days after receiving written notice from PG&E. A customer failing to make a selection within the specified time frame will default to subsection 20.c.(ii) below. The three (3) year period shall commence with the first failure to drop load as specified in this subsection.

(i) Subject to PG&E's Electric Schedule E-OBMC Optional Binding Mandatory Curtailment Plan. The customer shall become subject to PG&E's Electric Schedule OBMC. The customer shall submit an OBMC Plan, in accordance with PG&E's Electric Schedule E-OBMC, within thirty (30) days of receiving written notice from PG&E. Pending the submittal of the OBMC Plan by the customer and pending the review and acceptance of the OBMC Plan by PG&E, the customer will remain responsible for dropping load in accordance with the provisions of subsection 20.a, above, including the receiving of Notification and being subject to Excess Energy Charge provisions. Customers subject to this subsection that in turn fail to meet one or more requirements specified in PG&E's Electric Schedule E-OBMC shall be transferred to subsection 20.c.(ii), below.

(ii) PG&E Implemented Load Reductions. PG&E shall proceed with one of the following: (1) For those customers where PG&E already has load drop equipment with remote-control capability installed, PG&E will drop the customer's entire load for all applicable subsequent rotating outages in accordance with the provisions of subsection 20.b, above, except the customer shall not have the option to terminate their obligations under subsection 20.b. PG&E shall be the sole judge of the suitability of utilizing existing PG&E remote-controlled equipment to shed the customer's load. (2) For customers where PG&E does not have load drop equipment with remote-control capability installed, PG&E shall install such equipment at the customer's expense in accordance with PG&E's Electric Rule 2, Section I, Special Facilities. After such equipment has been installed, PG&E will drop the customer's entire load for all applicable subsequent rotating outages in accordance with the provisions of subsection 20.b, above, except the customer shall not have the option to terminate their obligations under subsection 20.b. Pending the installation of such equipment, the customer will remain responsible for dropping load in accordance with the provisions of subsection 20.a, above, including receiving the Notification and being subject to Excess Energy Charge provisions.

(N)



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