

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



November 6, 2008

Advice Letters 3193-E/E-A/E-B

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

Subject: Amendment to Standard Offer No. 1 Power Purchase Agreement between PG&E Company and The Pacific Lumber Company and Supplemental Filings

Dear Mr. Cherry:

Advice Letters 3193-E/E-A/E-B are effective November 20, 2008 by Resolution E-4212.

Sincerely,

A handwritten signature in black ink, appearing to read "Ken Lewis".

Kenneth Lewis, Acting Director
Energy Division



Brian K. Cherry
Vice President
Regulatory Relations

77 Beale Street, Room 1087
San Francisco, CA 94105

Mailing Address
Mail Code B10C
Pacific Gas and Electric Company
P.O. Box 770000
San Francisco, CA 94177

Fax: 415.973.7226

August 12, 2008

Advice 3193-E-A

(Pacific Gas and Electric Company ID U39 E)

Public Utilities Commission of the State of California

**Subject: Supplemental Filing for Amendment to Standard Offer No. 1
Power Purchase Agreement between Pacific Gas and Electric
Company and The Pacific Lumber Company**

I. PURPOSE

Pacific Gas and Electric Company (PG&E) hereby submits to the California Public Utilities Commission ("Commission" or "CPUC") a supplemental filing for Advice Letter 3193-E ("PALCO Advice Letter filing"), dated January 11, 2008. The purpose of this supplement is to provide the Commission a copy of the original Standard Offer No. 1 ("SO1") power purchase and sale agreement ("PPA") between The Pacific Lumber Company ("PALCO") and PG&E, and associated amendments in addition to the amendment originally filed in Advice Letter 3193-E, and the CPUC decisions authorizing the transactions related to the SO1 PPA.

In support of this supplement, the following confidential information is being submitted under the confidentiality protection of either the terms of the IOU Matrix, Attachment 1, of D.06-06-066 or General Order 66-C. PG&E submits the confidential information in the manner directed by D.08-04-023 to demonstrate the confidentiality of the material. A separate Declaration Seeking Confidential Treatment is being filed concurrently with this supplement.

PG&E provides a copy of the May, 2006 Amendment to the SO1 PPA in confidential Appendix A and a copy of the letter agreement between PALCO and PG&E regarding this Amendment to the SO1 PPA in confidential Appendix B.

PG&E also provides a copy of the July, 1988 Amendment to the SO1 PPA in public Appendix C, a copy of the original SO1 PPA in public Appendix D, and a list of CPUC Decisions authorizing transactions related to the SO1 PPA in public Appendix E.

Confidential Attachment:

Appendix A – May, 2006 Amendment to the January 17, 1986 SO1 PPA

Appendix B – Letter Agreement between PALCO and PG&E regarding the May, 2006 Amendment

Non-Confidential Attachment:

Appendix C – July, 1988 Amendment to the SO1 PPA between PALCO and PG&E

Appendix D – January 17, 1986 Original SO1 PPA between PALCO and PG&E

Appendix E – CPUC Decisions Authorizing Transactions Related to the January 17, 1986 SO1 PPA

Protests:

PG&E asks that the protest and comment period not be reopened given that this supplement is simply providing background information for Advice Letter 3193-E.

Effective Date:

PG&E requests that this advice filing become effective on **October 2, 2008**.

Notice:

In accordance with General Order 96-B, Section IV, a copy of this advice letter excluding the confidential appendices is being sent electronically and via U.S. mail to parties shown on the attached list and the service lists for R.01-10-024 and R.06-05-027. Non-market participants who are members of PG&E's Procurement Review Group and have signed appropriate Non-Disclosure Certificates will also receive the advice letter and accompanying confidential attachments by overnight mail. Address changes should be directed to Rose De La Torre (415) 973-4716. Advice letter filings can also be accessed electronically at:

<http://www.pge.com/tariffs>

A handwritten signature in black ink, appearing to read "Brian Cherry" with a stylized flourish at the end.

Brian K. Cherry
Vice President - Regulatory Relations

cc: Service List for R.06-05-027
Service List for R.01-10-024
Paul Douglas - Energy Division

Attachments

CALIFORNIA PUBLIC UTILITIES COMMISSION

ADVICE LETTER FILING SUMMARY

ENERGY UTILITY

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

Company name/CPUC Utility No. **Pacific Gas and Electric Company (ID U39 M)**

Utility type:

- ELC GAS
 PLC HEAT WATER

Contact Person: David Poster

Phone #: (415) 973-1082

E-mail: DXPU@pge.com

EXPLANATION OF UTILITY TYPE

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

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: **3193-E-A**

Tier: [3]

Subject of AL: Supplement - Amendment to Standard Offer No. 1 Power Purchase Agreement between Pacific Gas and Electric Company and The Pacific Lumber Company

Keywords (choose from CPUC listing): PPA

AL filing type: Monthly Quarterly Annual One-Time Other _____

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

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

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

Is AL requesting confidential treatment? If so, what information is the utility seeking confidential treatment for: Yes. See the attached matrix that identifies all of the confidential information.

Confidential information will be made available to those who have executed a nondisclosure agreement: All members of PG&E's Procurement Review Group who have signed nondisclosure agreements will receive the confidential information.

Name(s) and contact information of the person(s) who will provide the nondisclosure agreement and access to the confidential information: Hugh Merriam. (415)-973-1269.

Resolution Required? Yes No

Requested effective date: 10/02/2008

No. of tariff sheets: N/A

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

CPUC, Energy Division

Tariff Files, Room 4005

DMS Branch

505 Van Ness Ave., San Francisco, CA 94102

jnj@cpuc.ca.gov and mas@cpuc.ca.gov

Pacific Gas and Electric Company

Attn: Brian K. Cherry, Vice President, Regulatory Relations

77 Beale Street, Mail Code B10C

P.O. Box 770000

San Francisco, CA 94177

E-mail: PGETariffs@pge.com

Pacific Gas and Electric Company
Advice Letter 3193-E-A

Identification of Confidential Information per Decisions 08-04-023 and 06-06-066
August 12, 2008

Redaction Reference	1) The material submitted constitutes a particular type of data listed in the Matrix, appended as Appendix 1 to D.06-06-066 (Y/N)	2) Which category or categories in the Matrix the data correspond to:	3) That it is complying with the limitations on confidentiality specified in the Matrix for that type of data (Y/N)	4) That the information is not already public (Y/N)	5) The data cannot be aggregated, redacted, summarized, masked or otherwise protected in a way that allows partial disclosure (Y/N)	PG&E's Justification for Confidential Treatment	Length of Time	
Document: Advice Letter 3193-E-A								
1	Appendix A - Amendment to the PPA	Y	Item VII B) Contracts and power purchase agreements between utilities and non-affiliated third parties (except RPS).	Y	Y	Y	This appendix consists of actual pages of a contract amendment made in May, 2006. This contract document is protected from public disclosure under Item VII B in the Matrix. Furthermore, counterparties have an expectation that the terms of their PPAs will remain confidential under the provisions of PG&E's Commission-approved RPS Solicitation Protocol. I am informed and believe that General Order 66-C provides a separate and independent basis for confidential treatment. General Order 66-C includes in its category of records not open to public inspection "Information obtained in confidence from other than a business regulated by this Commission where the disclosure would be against the public interest." (Paragraph 2.8). It is in the public interest to treat such information as confidential because disclosure can impact how counterparties position their negotiations to their favor.	Remain confidential for three years
2	Appendix B - Letter Agreement between PALCO and PG&E	Y	Item VII B) Contracts and power purchase agreements between utilities and non-affiliated third parties (except RPS).	Y	Y	Y	This appendix consists of a letter that contains language from the contract amendment made in May, 2006. The contract amendment is protected from public disclosure under Item VII B in the Matrix. Furthermore, counterparties have an expectation that the terms of their PPAs will remain confidential under the provisions of PG&E's Commission-approved RPS Solicitation Protocol. I am informed and believe that General Order 66-C provides a separate and independent basis for confidential treatment. General Order 66-C includes in its category of records not open to public inspection "Information obtained in confidence from other than a business regulated by this Commission where the disclosure would be against the public interest." (Paragraph 2.8). It is in the public interest to treat such information as confidential because disclosure can impact how counterparties position their negotiations to their favor.	Remain confidential for three years

**DECLARATION OF HUGH MERRIAM
SEEKING CONFIDENTIAL TREATMENT
FOR CERTAIN DATA AND INFORMATION
CONTAINED IN ADVICE LETTER 3193-E-A
(PACIFIC GAS AND ELECTRIC COMPANY - U 39 E)**

I, Hugh Merriam, declare:

1. I am presently employed by Pacific Gas and Electric Company (“PG&E”), and have been an employee since 1983. My current title is Principal within the Structured Transactions group in PG&E’s Energy Supply Department. In this position, my responsibilities include negotiating power purchase agreements (PPAs) with counterparties in the business of producing electric energy. In carrying out these responsibilities, I have acquired knowledge of PG&E’s contracts with such sellers and the negotiation of such transactions. I have also gained knowledge of the operations of the sellers in general and, based on my experience in dealing with facility owners and operators, I am familiar with the types of data and information about their operations that such owners and operators consider confidential and proprietary.

2. Based on my knowledge and experience, and in accordance with Decision (“D.”) 08-04-023 and the August 22, 2006 “Administrative Law Judge’s Ruling Clarifying Interim Procedures for Complying with Decision 06-06-066,” I make this declaration seeking confidential treatment of Appendices A and B to Advice Letter 3193-E-A, submitted on August 11, 2008. By this Advice Letter, PG&E is supplementing previously filed Advice Letter 3193-E seeking this Commission’s approval of an amendment to the Standard Offer No. 1 (SO1) PPA between The Pacific Lumber Company (PALCO) and PG&E.

3. Attached to this declaration is a matrix identifying the data and information for which PG&E is seeking confidential treatment. The matrix specifies that the material PG&E is seeking to protect constitutes the particular type of data and information listed in Appendix 1 of

D.06-06-066 and Appendix C of D.08-04-023 (the "IOU Matrix"), or constitutes information that should be protected under Public Utilities Code § 583 and General Order 66-C. The matrix also specifies the category or categories in the IOU Matrix to which the data and information corresponds, and why confidential protection is justified. Finally, the matrix specifies that: (1) PG&E is complying with the limitations specified in the IOU Matrix for that type of data or information; (2) the information is not already public; and (3) the data cannot be aggregated, redacted, summarized or otherwise protected in a way that allows partial disclosure. By this reference, I am incorporating into this declaration all of the explanatory text in the attached matrix that is pertinent to this filing.

I declare under penalty of perjury, under the laws of the State of California, that the foregoing is true and correct. Executed on August 11, 2008 at San Francisco, California.

/s/
Hugh Merriam

Appendix C

**July, 1988 Amendment to the
SO1 PPA between PALCO and PG&E**

FIRST AMENDMENT TO THE
AS-DELIVERED CAPACITY AND ENERGY POWER PURCHASE AGREEMENT
(Dated January 17, 1986)

BETWEEN

THE PACIFIC LUMBER COMPANY

AND

PACIFIC GAS AND ELECTRIC COMPANY

This is the First Amendment to the As-Delivered Capacity and Energy Power Purchase Agreement dated January 17, 1986 ("Agreement") by and between THE PACIFIC LUMBER COMPANY and PACIFIC GAS AND ELECTRIC COMPANY, hereinafter sometimes referred to collectively as "Parties."

The Parties agree as follows:

1. Article 2, PURCHASE OF POWER paragraph (c) of the Agreement is amended to read as follows:

"(c) To avoid exceeding the physical limitations of the interconnection facilities, Seller shall limit the Facility's actual rate of delivery into the PG&E system to 20,000 kW.

2. Table A, Appendix C of the Agreement is amended to read as follows:

"TABLE A
Capacity Loss Adjustment Factors¹
for Non-Remote² Facilities

<u>Voltage Level</u>	<u>Loss Adjustment Factor</u>
Transmission	.989
Primary Distribution	.991
Secondary Distribution	.991

The Facility is remote and .888 is the individually determined capacity loss adjustment factor."

3. Section D-2, Appendix D, POINT OF DELIVERY LOCATION SKETCH, of the Agreement is deleted and replaced with the attached page number D-3.
4. Section D-3, Appendix D, INTERCONNECTION FACILITIES FOR WHICH SELLER IS RESPONSIBLE, of the Agreement is deleted and replaced with the attached page number D-4.

5. All other provisions of the Agreement shall remain unchanged.
IN WITNESS WHEREOF, the Parties hereto have caused this First Amendment to be executed by their duly authorized representatives and it is effective as of the last date set forth below.

THE PACIFIC LUMBER COMPANY

By John A. Campbell

Name JOHN A. CAMPBELL
Executive Vice President -
Title Forest Products Operations

Date Signed JUN 21 1988 J.A.C.

PACIFIC GAS AND ELECTRIC COMPANY

By Paula G. Rosput

Paula G. Rosput
Manager, QF Contracts

Date Signed July 5, 1988

Approved as to Form

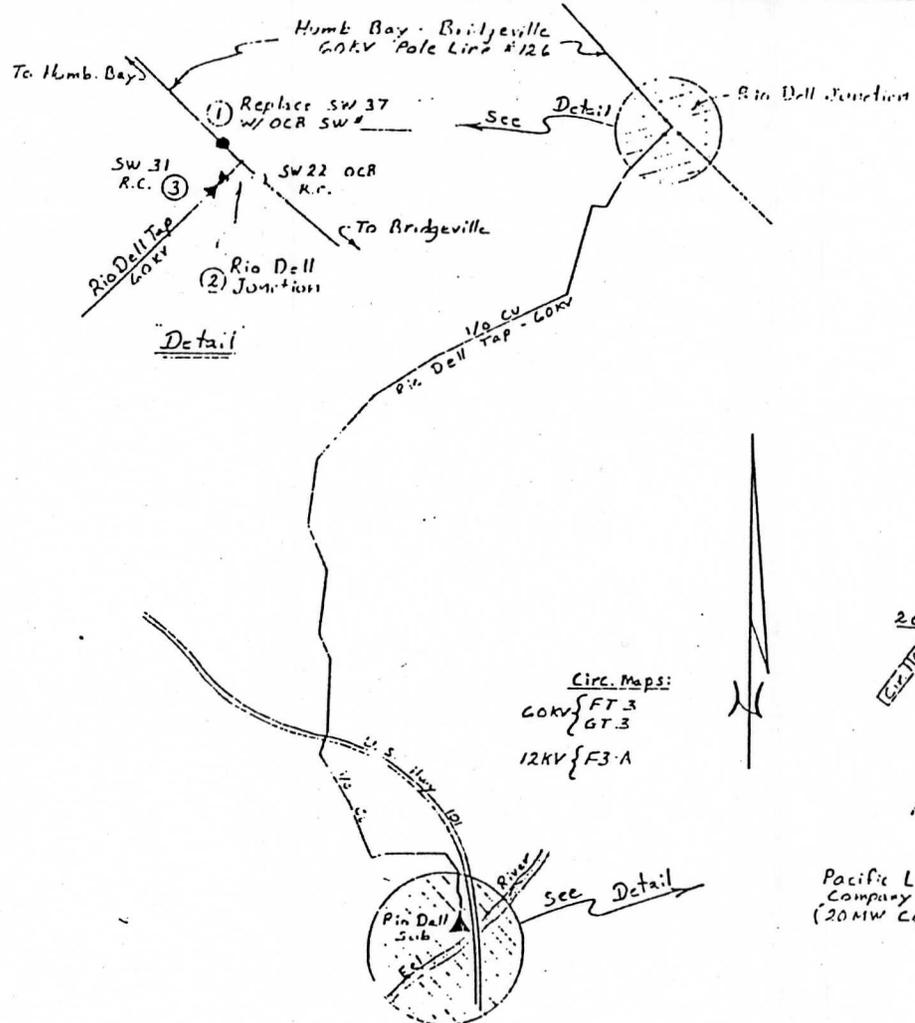
KBW

Attorney

Attachments: Point of Delivery Sketch
Interconnection Facilities for which Seller is Responsible

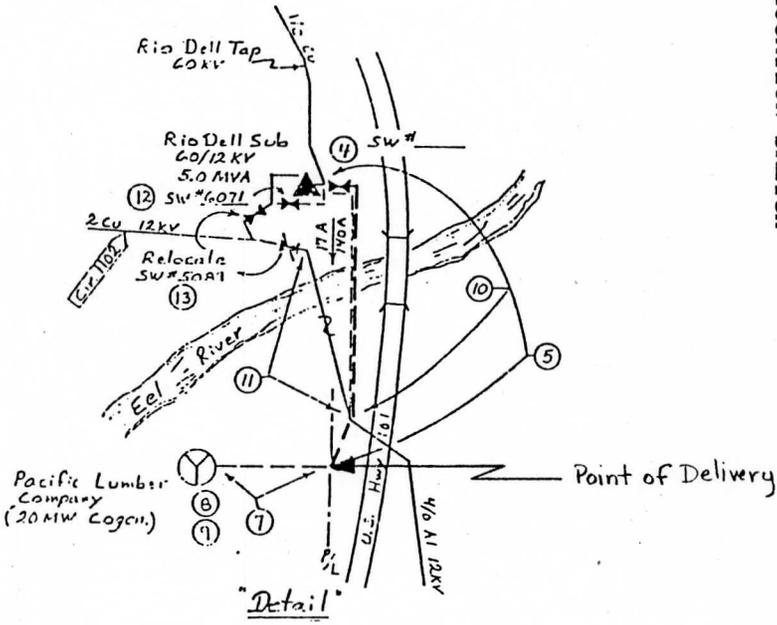
26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

D-2 POINT OF DELIVERY LOCATION SKETCH



Legend:
 - - - 4/0 Al 60kV conductor being installed.
 - - - 4/0 Al 12kV conductor being installed.
 ← XX → '87/'88 W Norm. Peak Amps
 ← XX → '87/'88 Emerg. Peak Amps

Circ. Maps:
 60kV { FT-3
 GT-3
 12kV { F3-A



At Q.E.'s Expense:

- ① Replace SW 37 with 60kV breaker at Rio Dell Jct.
- ② Modify protection requirements at Rio Dell Jct. SW #22.
- ③ Replace fuses at Rio Dell Jct. SW 31 with KPF switch equipped with radio controlled operator.
- ④ Install 60kV air switch at Rio Dell 60kV tap point at Rio Dell Sub.

- ⑤ Install 2,550' 3-4/0 Al 60kV cond. from Rio Dell Tap (60kV) to Pacific Lumber Company's property line.
- ⑥ Acquire Right-of-Way.
- ⑦ Pacific Lumber Co. to construct 60kV line on their property.
- ⑧ Install 60kV revenue metering.
- ⑨ Install Telemetering equipment.

At P.G.E.E.'s Expense:

- ⑩ Install 2,455' 3-4/0 Al 12kV underbuild (TYA = 22 amps at 49% LF).
- ⑪ Remove 125' 3-4/0 Al 12kV & 1,300' 3-397 MCM Al 12kV Cond.
- ⑫ Install 12kV air switch
- ⑬ Relocate existing 12kV air SW # 5089.

1 D-3 INTERCONNECTION FACILITIES FOR WHICH SELLER IS RESPONSIBLE

2

3 The following interconnection facilities will be installed by
4 PGandE pursuant to a Special Facilities Agreement. Seller's
5 responsibility for these facilities will be in accordance with
6 the terms and conditions of that Special Facilities Agreement.

7

- 8 1. 2550 feet of 60 kV line
- 9 2. a 60 kV air switch
- 10 3. a radio-controlled KPF switch
- 11 4. a 60 kV oil circuit breaker
- 12 5. 60 kV revenue metering and telemetry

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14 All other interconnection facilities as required under PGandE's
15 electric Rule 21 are the direct responsibility of Seller.

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Appendix D

**January 17, 1986 Original SO1 PPA
between PALCO and PG&E**

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POWER PURCHASE AGREEMENT
FOR
AS-DELIVERED CAPACITY AND ENERGY
BETWEEN
THE PACIFIC LUMBER COMPANY
AND
PACIFIC GAS AND ELECTRIC COMPANY

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AS-DELIVERED CAPACITY AND ENERGY
POWER PURCHASE AGREEMENT

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AS-DELIVERED CAPACITY AND ENERGY
POWER PURCHASE AGREEMENT
BETWEEN
THE PACIFIC LUMBER COMPANY
AND
PACIFIC GAS AND ELECTRIC COMPANY

THE PACIFIC LUMBER COMPANY ("Seller"), and PACIFIC GAS AND ELECTRIC COMPANY ("PGandE"), referred to collectively as "Parties" and individually as "Party", agree as follows:

ARTICLE 1 QUALIFYING STATUS

Seller warrants that, at the date of first power deliveries from Seller's Facility¹ and during the term of agreement, its Facility shall meet the qualifying facility requirements established as of the effective date of this Agreement by the Federal Energy Regulatory Commission's rules (18 Code of Federal Regulations 292) implementing the Public Utility Regulatory Policies Act of 1978 (16 U.S.C.A. 796, et seq.).

¹ Underlining identifies those terms which are defined in Section A-1 of Appendix A.

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2
3 ARTICLE 2 PURCHASE OF POWER

4 (a) Seller shall sell and deliver and PGandE shall
5 purchase and accept from the Facility having a nameplate
6 rating of 20,000 kW located at Scotia, California the
7 as-delivered capacity and energy at the voltage level of
8 60 kV. Seller has chosen surplus energy output¹ as its
9 energy sale option. Seller may convert its energy sale
10 option as provided in Section A-3 of Appendix A.

11 (b) The scheduled operation date when Seller estimates
12 first delivery of electric energy from the Facility to
13 PGandE is February 21, 1986. At the end of each calendar
14 quarter Seller shall give to PGandE written notice of any
15 change in the scheduled operation date.

16
17 (c) To avoid exceeding the physical limitations of the
18 interconnection facilities, Seller shall limit the
19 Facility's actual rate of delivery into the PGandE system to
20 _____² kW.

21
22 (d) The primary energy source for the Facility is
23 biomass wood.

24
25
26 ¹ Insert either "net energy output" or "surplus energy output" to
27 show the energy sale option selected by Seller.

28 ² The appropriate number will be inserted upon completion of an
interconnection study.

1 (e) If Seller does not begin construction of its
2 Facility by _____,¹ PGandE may reallocate the
3 existing capacity on PGandE's transmission and/or
4 distribution system which would have been used to
5 accommodate Seller's power deliveries to other uses. In the
6 event of such reallocation, Seller shall pay PGandE for the
7 cost of any upgrades or additions to PGandE's system
8 necessary to accommodate the output from the Facility. Such
9 additional facilities shall be installed, owned, and
10 maintained in accordance with the applicable PGandE tariff.

11
12 (f) The transformer loss adjustment factor is zero².

13
14 ARTICLE 3 PURCHASE PRICE

15
16 PGandE shall pay Seller for as-delivered capacity at
17 prices authorized from time to time by the CPUC and which
18 are derived from PGandE's full avoided costs as approved by
19 the CPUC. PGandE shall pay Seller for energy at prices
20 equal to PGandE's full short run avoided operating costs as
21 approved by the CPUC. PGandE's current as-delivered
22 capacity price calculation is shown in Appendix C. PGandE's

23
24 ¹ Seller shall provide this date in the project development schedule
25 to be submitted no later than 30 days after signing the Special
26 Facilities Agreement for the Facility.

27 ² If Seller chooses to have meters placed on Seller's side of the
28 transformer, an estimated transformer loss adjustment factor of
2 percent, unless the Parties agree otherwise, will be applied.
This estimated transformer loss figure will be adjusted to a
measurement of actual transformer losses performed at Seller's
request and expense.

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current energy price calculation is shown in Table A,
Appendix B.

ARTICLE 4 NOTICES

All written notices shall be directed as follows:

to PGandE: Pacific Gas and Electric Company
Attention: Vice President -
Electric Operations
77 Beale Street
San Francisco, CA 94106

to Seller: The Pacific Lumber Company
John A. Campbell
V.P. Wood Products
P.O. Box 37
Scotia, CA 95565

ARTICLE 5 DESIGNATED SWITCHING CENTER

The designated PGandE switching center shall be unless
changed by PGandE:

Humboldt Substation
Mitchell and Ocean
Eureka, California
(707) 442-6298

ARTICLE 6 TERMS AND CONDITIONS

This Agreement includes the following appendices which
are attached and incorporated by reference:

- Appendix A - GENERAL TERMS AND CONDITIONS
- Appendix B - ENERGY PRICES

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Appendix C - AS-DELIVERED CAPACITY PRICES

Appendix D - INTERCONNECTION

ARTICLE 7 TERM OF AGREEMENT

This Agreement shall become effective on the date of execution by the Parties and shall remain in effect until terminated by Seller.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed by their duly authorized representatives and effective as of the last date set forth below.

THE PACIFIC LUMBER COMPANY

PACIFIC GAS AND ELECTRIC COMPANY

BY: John A. Campbell
JOHN A. CAMPBELL

BY: H. M. Howe
HARRY M. HOWE

TITLE: Vice President -
Wood Products

TITLE: Chief -
Siting Department

DATE SIGNED: September 9, 1984

DATE SIGNED: 1/17/86

RCK

M. M. M.

[Signature]

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APPENDIX A
GENERAL TERMS AND CONDITIONS

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APPENDIX A
GENERAL TERMS AND CONDITIONS

A-1 DEFINITIONS

Whenever used in this Agreement, appendices, and attachments hereto, the following terms shall have the following meanings:

CPUC - The Public Utilities Commission of the State of California.

Designated PGandE switching center - That switching center or other PGandE installation identified in Article 5.

Facility - That generation apparatus described in Article 2 and all associated equipment owned, maintained, and operated by Seller.

Interconnection facilities - All means required and apparatus installed to interconnect and deliver power from the Facility to the PGandE system including, but not limited to, connection, transformation, switching, metering, communications, and safety equipment, such as equipment required to protect (1) the PGandE system and its customers from faults occurring at the Facility, and (2) the Facility from faults occurring on the PGandE system or on the systems of others to which the PGandE system is directly or

1 indirectly connected. Interconnection facilities also
2 include any necessary additions and reinforcements by PGandE
3 to the PGandE system required as a result of the intercon-
4 nection of the Facility to the PGandE system.

5
6 Net energy output - The Facility's gross output in
7 kilowatt-hours less station use and transformation and
8 transmission losses to the point of delivery into the PGandE
9 system. Where PGandE agrees that it is impractical to
10 connect the station use on the generator side of the power
11 purchase meter, PGandE may, at its option, apply a station
12 load adjustment.

13
14 Prudent electrical practices - Those practices,
15 methods, and equipment, as changed from time to time, that
16 are commonly used in prudent electrical engineering and
17 operations to design and operate electric equipment lawfully
18 and with safety, dependability, efficiency, and economy.

19
20 Special facilities - Those additions and
21 reinforcements to the PGandE system which are needed to
22 accommodate the maximum delivery of energy and capacity from
23 the Facility as provided in this Agreement and those parts
24 of the interconnection facilities which are owned and
25 maintained by PGandE at Seller's request, including metering
26 and data processing equipment. All special facilities shall

27
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1 be owned, operated, and maintained pursuant to PGandE's
2 electric Rule No. 21, which is attached hereto.

3
4 Station use - Energy used to operate the Facility's
5 auxiliary equipment. The auxiliary equipment includes, but
6 is not limited to, forced and induced draft fans, cooling
7 towers, boiler feed pumps, lubricating oil systems, plant
8 lighting, fuel handling systems, control systems, and sump
9 pumps.

10
11 Surplus energy output - The Facility's gross output,
12 in kilowatt-hours, less station use, and any other use by
13 the Seller, and transformation and transmission losses to
14 the point of delivery into the PGandE system.

15
16 Term of agreement - The period of time during which
17 this Agreement will be in effect as provided in Article 7.

18
19 Voltage level - The voltage at which the Facility
20 interconnects with the PGandE system, measured at the point
21 of delivery.

22
23 A-2 CONSTRUCTION

24
25 A-2.1 Land Rights

26
27 Seller hereby grants to PGandE all necessary rights
28 of way and easements to install, operate, maintain, replace,

1 and remove the special facilities, including adequate and
2 continuing access rights on property of Seller. Seller
3 agrees to execute such other grants, deeds, or documents as
4 PGandE may require to enable it to record such rights of way
5 and easements. If any part of PGandE's equipment is to be
6 installed on property owned by other than Seller, Seller
7 shall, at its own cost and expense, obtain from the owners
8 thereof all necessary rights of way and easements, in a form
9 satisfactory to PGandE, for the construction, operation,
10 maintenance, and replacement of PGandE's equipment upon such
11 property. If Seller is unable to obtain these rights of way
12 and easements, Seller shall reimburse PGandE for all costs
13 incurred by PGandE in obtaining them. PGandE shall at all
14 times have the right of ingress to and egress from the
15 Facility at all reasonable hours for any purposes reasonably
16 connected with this Agreement or the exercise of any and all
17 rights secured to PGandE by law or its tariff schedules.

18
19 A-2.2 Design, Construction, Ownership, and Maintenance

20
21 (a) Seller shall design, construct, install, own,
22 operate, and maintain all interconnection facilities, except
23 special facilities, to the point of interconnection with the
24 PGandE system as required for PGandE to receive as-delivered
25 capacity and energy from the Facility. The Facility and
26 interconnection facilities shall meet all requirements of
27
28

1 applicable codes and all standards of prudent electrical
2 practices and shall be maintained in a safe and prudent
3 manner. A description of the interconnection facilities for
4 which Seller is solely responsible is set forth in
5 Appendix D or if the interconnection requirements have not
6 yet been determined at the time of the execution of this
7 Agreement, the description of such facilities will be
8 appended to this Agreement at the time such determination is
9 made.

10
11 (b) Seller shall submit to PGandE the design and all
12 specifications for the interconnection facilities (except
13 special facilities) for review and written acceptance prior
14 to their release for construction purposes. PGandE shall
15 notify Seller in writing of the outcome of PGandE's review
16 of the design and specifications for Seller's
17 interconnection facilities within 30 days of the receipt of
18 the design and all of the specifications for the
19 interconnection facilities. Any flaws perceived by PGandE
20 in the design and specification for the interconnection
21 facilities will be described in PGandE's written
22 notification. PGandE's review and acceptance of the design
23 and specifications shall not be construed as confirming or
24 endorsing the design and specifications or as warranting
25 their safety, durability, or reliability. PGandE shall not,
26 by reason of such review or lack of review, be responsible
27 for strength, details of design, adequacy, or capacity of
28 equipment built pursuant to such design and specifications,

1 nor shall PGandE's acceptance be deemed to be an endorsement
2 of any of such equipment. Seller shall change the
3 interconnection facilities as may be reasonably required by
4 PGandE to meet changing requirements of the PGandE system.

5
6 (c) In the event it is necessary for PGandE to
7 install interconnection facilities for the purposes of this
8 Agreement, they shall be installed as special facilities.

9
10 (d) Upon the request of Seller, PGandE shall provide
11 a binding estimate for the installation of interconnection
12 facilities by PGandE.

13
14 A-2.3 Meter Installation

15
16 (a) PGandE shall specify, provide, install, own,
17 operate, and maintain as special facilities all metering and
18 data processing equipment for the registration and recording
19 of energy and other related parameters which are required
20 for the reporting of data to PGandE and for computing the
21 payment due Seller from PGandE.

22
23 (b) Seller shall provide, construct, install, own,
24 and maintain at Seller's expense all that is required to
25 accommodate the metering and data processing equipment, such
26 as, but not limited to, metal-clad switchgear, switchboards,
27 cubicles, metering panels, enclosures, conduits, rack
28 structures, and equipment mounting pads.

1 (c) PGandE shall permit meters to be fixed on
2 PGandE's side of the transformer. If meters are placed on
3 PGandE's side of the transformer, service will be provided
4 at the available primary voltage and no transformer loss
5 adjustment will be made. If Seller chooses to have meters
6 placed on Seller's side of the transformer, an estimated
7 transformer loss adjustment factor of 2 percent, unless the
8 Parties agree otherwise, will be applied.

9
10 A-3 ENERGY SALE OPTIONS

11
12 A-3.1 General

13
14 Seller has two energy sale options, net energy output
15 or (surplus energy output.) Seller has made its initial
16 selection in Article 2(a).

17
18 A-3.2 Energy Sale Conversion

19
20 (a) Seller is entitled to convert from one option to
21 the other 12 months after execution of this Agreement, and
22 thereafter at least 12 months after the effective date of
23 the most recent conversion, subject to the following
24 conditions:

25 (1) Seller shall provide PGandE with a written
26 request to convert its energy sale option.

27 (2) Seller shall comply with all applicable
28 tariffs on file with the CPUC and contracts in effect

1 between the Parties at the time of conversion
2 covering the existing and proposed (i) facilities
3 used to serve Seller's premises and
4 (ii) interconnection facilities.

5 (3) Seller shall install and operate equipment
6 required by PGandE to prevent PGandE from serving any
7 part of Seller's load which is served by the Facility
8 and not under contract for PGandE standby service.
9 At Seller's request, PGandE shall provide this
10 equipment as special facilities.

11
12 (b) If, as a result of an energy sales conversion,
13 Seller no longer requires the use of interconnection
14 facilities installed and/or operated and maintained by
15 PGandE as special facilities under a Special Facilities
16 Agreement, Seller may reserve these facilities, for its
17 future use, by continuing its performance under its Special
18 Facilities Agreement. If Seller does not wish to reserve
19 such facilities, it may terminate its Special Facilities
20 Agreement.

21
22 If Seller's energy sale conversion results in
23 its discontinuation of its use of PGandE facilities not
24 covered by Seller's Special Facilities Agreement, Seller
25 cannot reserve those facilities for future use. Seller's
26 future use of such facilities shall be contingent upon the
27 availability of such facilities at the time Seller requests
28 such use. If such facilities are not available, Seller

1 shall bear the expense necessary to install, own, and
2 maintain the needed additional facilities in accordance with
3 PGandE's applicable tariff.
4

5 (c) PGandE shall process requests for conversion in
6 the order received. The effective date of conversion shall
7 depend on the completion of the changes required to
8 accommodate Seller's energy sale conversion.
9

10 A-4 OPERATION

11
12 A-4.1 Inspection and Approval
13

14 Seller shall not operate the Facility in parallel
15 with PGandE's system until an authorized PGandE representa-
16 tive has inspected the interconnection facilities, and
17 PGandE has given written approval to begin parallel
18 operation. Seller shall notify PGandE of the Facility's
19 start-up date at least 45 days prior to such date. PGandE
20 shall inspect the interconnection facilities within 30 days
21 of the receipt of such notice. If parallel operation is not
22 authorized by PGandE, PGandE shall notify Seller in writing
23 within five days after inspection of the reason
24 authorization for parallel operation was withheld.
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A-4.2 Facility Operation and Maintenance

Seller shall operate and maintain its Facility according to prudent electrical practices, applicable laws, orders, rules, and tariffs and shall provide such reactive power support as may be reasonably required by PGandE to maintain system voltage level and power factor. Seller shall operate the Facility at the power factors or voltage levels prescribed by PGandE's system dispatcher or designated representative. If Seller fails to provide reactive power support, PGandE may do so at Seller's expense.

A-4.3 Point of Delivery

Seller shall deliver the energy at the point where Seller's electrical conductors (or those of Seller's agent) contact PGandE's system as it shall exist whenever the deliveries are being made or at such other point or points as the Parties may agree in writing. The initial point of delivery of Seller's power to the PGandE system is set forth in Appendix D.

A-4.4 Operating Communications

(a) Seller shall maintain operating communications with the designated PGandE switching center. The operating communications shall include, but not be limited to, system

1 paralleling or separation, scheduled and unscheduled
2 shutdowns, equipment clearances, levels of operating voltage
3 or power factors, and daily capacity and generation reports.
4

5 (b) Seller shall keep a daily operations log for
6 each generating unit which shall include information on unit
7 availability, maintenance outages, circuit breaker trip
8 operations requiring a manual reset, and any significant
9 events related to the operation of the Facility.

10
11 (c) If Seller makes deliveries greater than one
12 megawatt, Seller shall measure and register on a graphic
13 recording device power in kW and voltage in kV at a location
14 within the Facility agreed to by both Parties.
15

16 (d) If Seller makes deliveries greater than one and
17 up to and including ten megawatts, Seller shall report to
18 the designated PGandE switching center, twice a day at
19 agreed upon times for the current day's operation, the
20 hourly readings in kW of capacity delivered and the energy
21 in kWh delivered since the last report.
22

23 (e) If Seller makes deliveries of greater than ten
24 megawatts, Seller shall telemeter the delivered capacity and
25 energy information, including real power in kW, reactive
26 power in kVAR, and energy in kWh to a switching center
27 selected by PGandE. PGandE may also require Seller to
28 telemeter transmission kW, kVAR, and kV data depending on

1 the number of generators and transmission configuration.
2 Seller shall provide and maintain the data circuits required
3 for telemetering. When telemetering is inoperative, Seller
4 shall report daily the capacity delivered each hour and the
5 energy delivered each day to the designated PGandE switching
6 center.

7
8 A-4.5 Meter Testing and Inspection

9
10 (a) All meters used to provide data for the
11 computation of the payments due Seller from PGandE shall be
12 sealed, and the seals shall be broken only by PGandE when
13 the meters are to be inspected, tested, or adjusted.

14
15 (b) PGandE shall inspect and test all meters upon
16 their installation and annually thereafter. At Seller's
17 request and expense, PGandE shall inspect or test a meter
18 more frequently. PGandE shall give reasonable notice to
19 Seller of the time when any inspection or test shall take
20 place, and Seller may have representatives present at the
21 test or inspection. If a meter is found to be inaccurate or
22 defective, PGandE shall adjust, repair, or replace it at its
23 expense in order to provide accurate metering.

24
25 A-4.6 Adjustments to Meter Measurements

26
27 If a meter fails to register, or if the measurement
28 made by a meter during a test varies by more than two

1 percent from the measurement made by the standard meter used
2 in the test, an adjustment shall be made correcting all
3 measurements made by the inaccurate meter for (1) the actual
4 period during which inaccurate measurements were made, if
5 the period can be determined, or if not, (2) the period
6 immediately preceding the test of the meter equal to
7 one-half the time from the date of the last previous test of
8 the meter, provided that the period covered by the
9 correction shall not exceed six months.

10
11 A-5 PAYMENT

12
13 PGandE shall mail to Seller not later than 30 days
14 after the end of each monthly billing period (1) a statement
15 showing the kilowatt-hours delivered to PGandE during
16 on-peak, partial-peak, and off-peak periods during the
17 monthly billing period, (2) PGandE's computation of the
18 payment due Seller, and (3) PGandE's check in payment of
19 said amount. Except as provided in Section A-6, if within
20 30 days of receipt of the statement Seller does not make a
21 report in writing to PGandE of an error, Seller shall be
22 deemed to have waived any error in PGandE's statement,
23 computation, and payment, and they shall be considered
24 correct and complete.

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A-6 ADJUSTMENTS OF PAYMENTS

(a) In the event adjustments to payments are required as a result of inaccurate meters, PGandE shall use the corrected measurements described in Section A-4.6 to recompute the amount due from PGandE to Seller for the as-delivered capacity and energy delivered under this Agreement during the period of inaccuracy.

(b) The additional payment to Seller or refund to PGandE shall be made within 30 days of notification of the owing Party of the amount due.

A-7 ACCESS TO RECORDS AND PGandE DATA

Each Party, after reasonable written notice to the other Party, shall have the right of access to all metering and related records including the operations logs of the Facility. Data filed by PGandE with the CPUC pursuant to CPUC orders governing the purchase of power from qualifying facilities shall be provided to Seller upon request; provided that Seller shall reimburse PGandE for the costs it incurs to respond to such request.

A-8 CURTAILMENT OF DELIVERIES AND HYDRO SPILL CONDITIONS

(a) PGandE shall not be obligated to accept or pay for and may require Seller to interrupt or reduce deliveries

1 of as-delivered capacity and energy (1) when necessary in
2 order to construct, install, maintain, repair, replace,
3 remove, investigate, or inspect any of its equipment or any
4 part of its system, or (2) if it determines that
5 interruption or reduction is necessary because of
6 emergencies, forced outages, force majeure, or compliance
7 with prudent electrical practices.

8
9 (b) In anticipation of a period of hydro spill
10 conditions, as defined by the CPUC, PGandE may notify Seller
11 that any purchases of energy from Seller during such period
12 shall be at hydro savings prices quoted by PGandE. If
13 Seller delivers energy to PGandE during any such period,
14 Seller shall be paid hydro savings prices for those
15 deliveries in lieu of prices which would otherwise be
16 applicable. The hydro savings prices shall be calculated by
17 PGandE using the following formula:

$$\frac{AQF - S}{AQF} \times PP$$

18
19
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21 where:

22 AQF = Energy, in kWh, projected to be available during
23 hydro spill conditions from all qualifying facilities
24 under agreements containing hydro savings price
25 provisions.

26 S = Potential energy, in kWh, from PGandE hydro
27 facilities which will be spilled if all AQF is
28 delivered to PGandE.

1 PP = Prices published by PGandE for purchases during other
2 than hydro spill conditions.
3

4 (c) PGandE shall not be obligated to accept or pay
5 for and may require Seller with a Facility with a nameplate
6 rating of one megawatt or greater to interrupt or reduce
7 deliveries of as-delivered capacity and energy during
8 periods when purchases under this Agreement would result in
9 costs greater than those which PGandE would incur if it did
10 not make such purchases but instead generated an equivalent
11 amount of energy itself.
12

13 (d) Whenever possible, PGandE shall give Seller
14 reasonable notice of the possibility that interruption or
15 reduction of deliveries under subsections (a) or (c), above,
16 may be required. PGandE shall give Seller notice of general
17 periods when hydro spill conditions are anticipated, and
18 shall give Seller as much advance notice as practical of any
19 specific hydro spill period and the hydro savings price
20 which will be applicable during such period. Before
21 interrupting or reducing deliveries under subsection (c),
22 above, and before invoking hydro savings prices under
23 subsection (b) above, PGandE shall take reasonable steps to
24 make economy sales of the surplus energy giving rise to the
25 condition. If such economy sales are made, while the
26 surplus energy condition exists Seller shall be paid at the
27 economy sales price obtained by PGandE in lieu of the
28 otherwise applicable prices.

1 (e) If Seller is selling net energy output to PGandE
2 and simultaneously purchasing its electrical needs from
3 PGandE, energy curtailed pursuant to subsections (b) or (c)
4 above shall not be used by Seller to meet its electrical
5 needs. When Seller elects not to sell energy to PGandE at
6 the hydro savings price pursuant to subsection (b) or when
7 PGandE curtails deliveries of energy pursuant to subsection
8 (c), Seller shall continue to purchase all its electrical
9 needs from PGandE. If Seller is selling surplus energy
10 output to PGandE, subsections (b) or (c) shall only apply to
11 the surplus energy output being delivered to PGandE, and
12 Seller can continue to internally use that generation it has
13 retained for its own use.

14
15 A-9 FORCE MAJEURE

16
17 (a) The term force majeure as used herein means
18 unforeseeable causes beyond the reasonable control of and
19 without the fault or negligence of the Party claiming force
20 majeure including, but not limited to, acts of God, labor
21 disputes, sudden actions of the elements, actions by
22 federal, state, and municipal agencies, and actions of
23 legislative, judicial or regulatory agencies which conflict
24 with the terms of this Agreement.

25
26 (b) If either Party because of force majeure is
27 rendered wholly or partly unable to perform its obligations
28 under this Agreement, that Party shall be excused from

1 whatever performance is affected by the force majeure to the
2 extent so affected provided that:

3
4 (1) The non-performing Party, within two weeks
5 after the occurrence of the force majeure, gives the
6 other Party written notice describing the particulars
7 of the occurrence,

8 (2) the suspension of performance is of no
9 greater scope and of no longer duration than is
10 required by the force majeure,

11 (3) the non-performing Party uses its best
12 efforts to remedy its inability to perform (this
13 subsection shall not require the settlement of any
14 strike, walkout, lockout, or other labor dispute on
15 terms which, in the sole judgment of the Party
16 involved in the dispute, are contrary to its
17 interest. It is understood and agreed that the
18 settlement of strikes, walkouts, lockouts, or other
19 labor disputes shall be at the sole discretion of the
20 Party having the difficulty), and

21 (4) when the non-performing Party is able to
22 resume performance of its obligations under this
23 Agreement, that Party shall give other Party written
24 notice to that effect.

25
26 (c) In the event a Party is unable to perform due to
27 legislative, judicial or regulatory agency action, this
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Agreement shall be renegotiated to comply with the legal change which caused the non-performance.

A-10 INDEMNITY

Each Party as indemnitor shall save harmless and indemnify the other Party and the directors, officers, and employees of such other Party against and from any and all loss and liability for injuries to persons including employees of either Party, and property damages, including property of either Party, resulting from or arising out of (1) the engineering, design, construction, maintenance, or operation of or (2) the making of replacements, additions, or betterments to, the indemnitor's facilities. This indemnity and save harmless provision shall apply notwithstanding the active or passive negligence of the indemnitee. Neither Party shall be indemnified hereunder for liability or loss resulting from its sole negligence or willful misconduct. The indemnitor shall, on the other Party's request, defend any suit asserting a claim covered by this indemnity and shall pay all costs, including reasonable attorney fees, that may be incurred by the other Party in enforcing this indemnity.

A-11 LIABILITY; DEDICATION

(a) Nothing in this Agreement shall create any duty to, any standard of care with reference to, or any liability

1 to any person not a Party to it. Neither Party shall be
2 liable to the other Party for consequential damages.

3
4 (b) Each Party shall be responsible for protecting
5 its facilities from possible damage by reason of electrical
6 disturbances or faults caused by the operation, faulty
7 operation, or nonoperation of the other Party's facilities,
8 and such other Party shall not be liable for any such
9 damages so caused.

10 (c) No undertaking by one Party to the other under
11 any provision of this Agreement shall constitute the
12 dedication of that Party's system or any portion thereof to
13 the other Party or to the public nor affect the status of
14 PGandE as an independent public utility corporation or
15 Seller as an independent individual or entity and not a
16 public utility.

17
18 A-12 SEVERAL OBLIGATIONS

19
20 Except where specifically stated in this Agreement to
21 be otherwise, the duties, obligations, and liabilities of
22 the Parties are intended to be several and not joint or
23 collective. Nothing contained in this Agreement shall ever
24 be construed to create an association, trust, partnership,
25 or joint venture or impose a trust or partnership duty,
26 obligation, or liability on or with regard to either Party.
27 Each Party shall be liable individually and severally for
28 its own obligations under this Agreement.

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A-13 NON-WAIVER

Failure to enforce any right or obligation by either Party with respect to any matter arising in connection with this Agreement shall not constitute a waiver as to that matter or any other matter.

A-14 ASSIGNMENT

Neither Party shall voluntarily assign its rights nor delegate its duties under this Agreement, or any part of such rights or duties, without the written consent of the other Party, except in connection with the sale or merger of a substantial portion of its properties. Any such assignment or delegation made without such written consent shall be null and void. Consent for assignment will not be withheld unreasonably. Such assignment shall include, unless otherwise specified therein, all of Seller's rights to any refunds which might become due under this Agreement.

A-15 CAPTIONS

All indexes, titles, subject headings, section titles, and similar items are provided for the purpose of reference and convenience and are not intended to affect the meaning of the contents or scope of this Agreement.

1 A-16 CHOICE OF LAWS

2

3 This Agreement shall be interpreted in accordance
4 with the laws of the State of California, excluding any
5 choice of law rules which may direct the application of the
6 laws of another jurisdiction.

7

8 A-17 GOVERNMENTAL JURISDICTION AND AUTHORIZATION

9

10 Seller shall obtain any governmental authorizations
11 and permits required for the construction and operation of
12 the Facility. Seller shall reimburse PGandE for any and all
13 losses, damages, claims, penalties or liability it incurs as
14 a result of Seller's failure to obtain or maintain such
15 authorizations and permits.

16

17 A-18 NOTICES

18

19 Any notice, demand, or request required or permitted
20 to be given by either Party to the other, and any instrument
21 required or permitted to be tendered or delivered by either
22 Party to the other, shall be in writing and so given,
23 tendered, or delivered, as the case may be, by depositing
24 the same in any United States Post Office with postage
25 prepaid for transmission by certified mail, return receipt
26 requested, addressed to the Party, or personally delivered
27 to the Party, at the address in Article 4 of this Agreement.

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Changes in such designation may be made by notice similarly given.

A-19 INSURANCE

A-19.1 General Liability Coverage

(a) Seller shall maintain during the performance hereof, General Liability Insurance¹ of not less than \$1,000,000 if the Facility is over 100 kW, \$500,000 if the Facility is over 20 kW to 100 kW, and \$100,000 if the Facility is 20 kW or below of combined single limit or equivalent for bodily injury, personal injury, and property damage as the result of any one occurrence.

(b) General Liability Insurance shall include coverage for Premises-Operations, Owners' and Contractors Protective, Products/Completed Operations Hazard, Explosion, Collapse, Underground, Contractual Liability, and Broad Form Property Damage including Completed Operations.

(c) Such insurance, by endorsement to the policy(ies), shall include PGandE as an additional insured if the Facility is over 100 kW insofar as work performed by

¹ Governmental agencies which have an established record of self-insurance may provide the required coverage through self-insurance.

1 Seller for PGandE is concerned, shall contain a severability
2 of interest clause, shall provide that PGandE shall not by
3 reason of its inclusion as an additional insured incur
4 liability to the insurance carrier for payment of premium
5 for such insurance, and shall provide for 30-days' written
6 notice to PGandE prior to cancellation, termination,
7 alteration, or material change of such insurance.
8

9 A-19.2 Additional Insurance Provisions
10

11 (a) Evidence of coverage described above in Section
12 A-19.1 shall state that coverage provided is primary and is
13 not excess to or contributing with any insurance or
14 self-insurance maintained by PGandE.
15

16 (b) PGandE shall have the right to inspect or obtain
17 a copy of the original policy(ies) of insurance.
18

19 (c) Seller shall furnish the required certificates¹
20 and endorsements to PGandE prior to commencing operation.
21

22 (d) All insurance certificates¹, endorsements,
23 cancellations, terminations, alterations, and material
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28 ¹ A governmental agency qualifying to maintain self-insurance
should provide a statement of self-insurance.

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changes of such insurance shall be issued and submitted to
the following:

PACIFIC GAS AND ELECTRIC COMPANY
Attention: Manager - Insurance Department
77 Beale Street, Room E280
San Francisco, CA 94106

APPENDIX B

ENERGY PRICES

TABLE A

Energy Prices Effective November 1, 1985 - January 31, 1986

The energy purchase price calculations which will apply to energy deliveries determined from meter readings taken during November and December 1985 and January 1986 are as follows:

<u>Time Period</u>	(a) <u>Incremental Energy Rate¹</u> (Btu/kWh)	(b) <u>Cost of Energy²</u> (\$/10 ⁶ Btu)	(c) <u>Revenue Requirement for Cash Working Capital³</u> (\$/kWh)	(d) <u>Energy Purchase Price⁴</u> $(d) = [(a) \times (b)] + (c)$ (\$/kWh)
November 1 - January 31 (Period B)				
Time of Delivery Basis:				
On-Peak	14,224	4.4160	0.00053	0.06334
Partial-Peak	13,552	4.4160	0.00051	0.06036
Off-Peak	10,261	4.4160	0.00038	0.04569
Seasonal Average (Period B)	11,954	4.4160	0.00045	0.05324

¹ Incremental energy rates (Btu/kWh) are derived from PGandE's marginal energy costs (which include variable operating and maintenance expense) adopted by the CPUC in Decision No. 83-12-068 (page 339). They are based upon natural gas as the incremental fuel and weighted average hydroelectric power conditions.

² Cost of natural gas under PGandE Gas Schedule No. G-55 effective on November 1, 1985.

³ Revenue Requirement for Cash Working Capital as prescribed by the CPUC in Decision No. 83-12-068.

⁴ Energy Purchase Price = (Incremental Energy Rate x Cost of Energy) + Revenue Requirement for Cash Working Capital. The energy purchase price excludes the applicable energy line loss adjustment factors. However, as ordered by Ordering Paragraph No. 12(j) of CPUC Decision No. 82-12-120, this figure is currently 1.0 for transmission and primary distribution loss adjustments and is equal to marginal cost line loss adjustment factors for the secondary distribution voltage level. These factors may be changed by the CPUC in the future. The currently applicable energy loss adjustment factors are shown in Table C.

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TABLE B¹
Time Periods

	<u>Monday through Friday²</u>	<u>Saturdays²</u>	<u>Sundays and Holidays</u>
Seasonal Period A (May 1 through September 30)			
On-Peak	12:30 p.m. to 6:30 p.m.		
Partial-Peak	8:30 a.m. to 12:30 p.m.	8:30 a.m. to 10:30 p.m.	
	6:30 p.m. to 10:30 p.m.		
Off-Peak	10:30 p.m. to 8:30 a.m.	10:30 p.m. to 8:30 a.m.	All Day
Seasonal Period B (October 1 through April 30)			
On-Peak	4:30 p.m. to 8:30 p.m.		
Partial-Peak	8:30 p.m. to 10:30 p.m.	8:30 a.m. to 10:30 p.m.	
	8:30 a.m. to 4:30 p.m.		
Off-Peak	10:30 p.m. to 8:30 a.m.	10:30 p.m. to 8:30 a.m.	All Day

¹ This table is subject to change to accord with the on-peak, partial-peak, and off-peak periods as defined in PGandE's own rate schedules for the sale of electricity to its large industrial customers.

² Except the following holidays: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day, as specified in Public Law 90-363 (5 U.S.C.A. Section 6103(a)).

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TABLE C
Energy Loss Adjustment Factors¹

	<u>Transmission</u>	<u>Primary Distribution</u>	<u>Secondary Distribution</u>
Seasonal Period A (May 1 through September 30)			
On-Peak	1.0	1.0	1.0148
Partial-Peak	1.0	1.0	1.0131
Off-Peak	1.0	1.0	1.0093
Seasonal Period B (October 1 through April 30)			
On-Peak	1.0	1.0	1.0128
Partial-Peak	1.0	1.0	1.0119
Off-Peak	1.0	1.0	1.0087

¹ The applicable energy loss adjustment factors may be revised pursuant to orders of the CPUC.

1 APPENDIX C

2 AS-DELIVERED CAPACITY PRICES

3
4 Purchase Price for As-Delivered Capacity
5 from Qualifying Facilities for 1986
6

7 For Facilities with time-of-delivery metering and
8 from which PGandE is contractually obligated to purchase
9 as-delivered capacity at its annually published as-delivered
10 capacity price, the as-delivered capacity payment for power
11 delivered by the Facility to PGandE and accepted by PGandE
12 is based on 100 percent of the shortage value of such power.
13 The payment will be made at a rate which will vary by time
14 of delivery and will be made for each kWh produced and
15 delivered by the Facility. The as-delivered capacity
16 purchase price is shown on Table C as a function of the
17 interconnection voltage, and is the product of three
18 factors:

- 19
20 (a) The current shortage cost in each year the
21 Facility is operating. Currently, this shortage
22 cost, \$56 per kW-year, is the product of the
23 annualized gas turbine cost and the Energy
24 Reliability Index (ERI) adjustment factor, as
25 prescribed by the CPUC in Decision No. 83-12-068
26 (December 22, 1983). The basis for the shortage
27 cost may be revised by the CPUC from time to
28 time.

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(b) A capacity loss adjustment factor. The current shortage cost is adjusted for the effect of the deliveries on PGandE's transmission and distribution losses based on the Seller's interconnection voltage level. The applicable capacity loss adjustment factors for non-remote¹ Facilities are presented in Table A. Capacity loss adjustment factors for remote Facilities shall be calculated individually.

(c) An allocation factor, which accounts for the different values of as-delivered capacity in different time periods, and converts dollars per kW-year to cents per kWh. The allocation factors are presented in Table B. The time periods to which they apply are shown in Table B, Appendix B.

For Facilities without time-of-delivery metering, the price paid for as-delivered capacity shall be 50% of the current shortage cost (a) multiplied by a capacity loss adjustment factor (b) and multiplied by a weighted average allocation factor (c).

¹ As defined by the CPUC.

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TABLE A

Capacity Loss Adjustment Factors¹
for Non-Remote² Facilities

<u>Voltage Level</u>	<u>Loss Adjustment Factor</u>
Transmission	.989
Primary Distribution	.991
Secondary Distribution	.991

TABLE B

Allocation Factors for
As-Delivered Capacity³

<u>With Time-of Delivery Metering</u>	<u>On-Peak (¢-yr/\$-hr)</u>	<u>Partial-Peak (¢-yr/\$-hr)</u>	<u>Off-Peak (¢-yr/\$-hr)</u>
Seasonal Period A	.10835	.02055	.00002
Seasonal Period B	.00896	.00109	.00001

<u>Without Time-of Delivery Metering</u>	<u>Weighted Average (¢-yr/\$-hr)</u>
Seasonal Period A	.02525
Seasonal Period B	.00144

¹ The capacity loss adjustment factors for non-remote Facilities are subject to change pursuant to orders of the CPUC. The capacity loss adjustment factors for remote Facilities are determined individually.

² As defined by the CPUC.

³ The units for the allocation factor, ¢-yr/\$-hr, are derived from the conversion of \$/kW-yr into ¢/kWh as follows:

$$\frac{\text{¢/kWh}}{\text{\$/kW-yr}} = \frac{\text{¢/kW-hr}}{\text{\$/kW-yr}} = \frac{\text{¢-yr}}{\text{\$-hr}}$$

The allocation factors were prescribed by the CPUC in Decision No. 83-12-068 and are subject to change from time to time.

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TABLE C

Payment for As-Delivered Capacity
from Non-Remote¹ Qualifying Facilities

(The product of the current shortage
cost (a), the capacity loss adjustment
factor (b), and the allocation factor (c))

	<u>Transmission Voltage</u>		<u>Primary Distribution Voltage</u>	
	<u>Seasonal</u>	<u>Seasonal</u>	<u>Seasonal</u>	<u>Seasonal</u>
	<u>Period A</u>	<u>Period B</u>	<u>Period A</u>	<u>Period B</u>
	(¢/kWh)	(¢/kWh)	(¢/kWh)	(¢/kWh)
<u>With Time-of Delivery Metering</u>				
Time of Delivery				
On-Peak	6.001	0.496	6.013	0.497
Partial-Peak	1.138	0.060	1.140	0.060
Off-Peak	0.001	0.001	0.001	0.001
<u>Without Time-of Delivery Metering</u>				
Weighted Average	0.699	0.040	0.701	0.040
		<u>Secondary Distribution Voltage</u>		
		<u>Seasonal</u>	<u>Seasonal</u>	
		<u>Period A</u>	<u>Period B</u>	
		(¢/kWh)	(¢/kWh)	
<u>With Time-of Delivery Metering</u>				
Time of Delivery				
On-Peak		6.013	0.497	
Partial-Peak		1.140	0.060	
Off-Peak		0.001	0.001	
<u>Without Time-of Delivery Metering</u>				
Weighted Average		0.701	0.040	

¹ As defined by the CPUC.

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APPENDIX D
INTERCONNECTION

CONTENTS

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D-1 INTERCONNECTION TARIFFS

(The applicable tariffs in effect at the time of execution of this Agreement shall be attached.)

RULE NO. 21 -- NONUTILITY-OWNED PARALLEL GENERATION

This describes the minimum operation, metering and interconnection requirements for any generating source or sources paralleled with the Utility's electric system. Such source or sources may include, but are not limited to, hydroelectric generators, wind-turbine generators, steam or gas driven turbine generators and photovoltaic systems.

A. GENERAL

1. The type of interconnection and voltage available at any location and the Utility's specific interconnection requirements shall be determined by inquiry at the Utility's local office.
2. The Utility's distribution and transmission lines which are an integral part of its overall system are distinguished by the voltages at which they are operated. Distribution lines are operated at voltages below 60 kv and transmission lines are operated at voltages 60 kv and higher.
3. The Power Producer (Producer) shall ascertain and be responsible for compliance with the requirements of all governmental authorities having jurisdiction.
4. The Producer shall sign the Utility's written form of power purchase agreement or parallel operation agreement before connecting or operating a generating source in parallel with the Utility's system.
5. The Producer shall be fully responsible for the costs of designing, installing, owning, operating and maintaining all interconnection facilities defined in Section B.1.
6. The Producer shall submit to the Utility, for the Utility's review and written acceptance, equipment specifications and detailed plans for the installation of all interconnection facilities to be furnished by the Producer prior to their purchase or installation. The Utility's review and written acceptance of the Producer's equipment specifications and detailed plans shall not be construed as confirming or endorsing the Producer's design or as warranting the equipment's safety, durability or reliability. The Utility shall not, by reason of such review or lack of review, be responsible for strength, details of design adequacy, or capacity of equipment built pursuant to such specifications, nor shall the Utility acceptance be deemed an endorsement of any such equipment.
7. No generating source shall be operated in parallel with the Utility's system until the interconnection facilities have been inspected by the Utility and the Utility has provided written approval to the Producer.
8. Only duly authorized employees of the Utility are allowed to connect Producer-installed interconnection facilities to, or disconnect the same from, the Utility's overhead or underground lines.

B. INTERCONNECTION FACILITIES

1. **GENERAL:** Interconnection facilities are all means required, and apparatus installed, to interconnect the Producer's generation with the Utility's system. Where the Producer desires to sell power to the Utility, interconnection facilities are also all means required, and apparatus installed, to enable the Utility to receive power deliveries from the Producer. Interconnection facilities may include, but are not limited to:
 - a. connection, transformation, switching, metering, communications, control, protective and safety equipment; and
 - b. any necessary additions to and reinforcements of the Utility's system by the Utility.
2. **METERING**
 - a. A Producer desiring to sell power to the Utility shall provide, install, own and maintain all facilities necessary to accommodate metering equipment specified by the Utility. Such metering equipment may include meters, telemetering (applicable where deliveries to the Utility exceed 10 MW) and other recording and communications devices as may be required for the reporting of power delivery data to the Utility. Except as provided for in Section B.2.b following, the Utility shall provide, install, own and maintain all metering equipment as special facilities in accordance with Section F.

(Continued)

Advice Letter No. 1025-E
Decision No. 83-10-093

Issued By
W. M. Gallavan
Vice-President
Rates and Economic Analysis

Date Filed May 21, 1984
Effective June 20, 1984
Resolution No. _____

RULE NO. 21 -- NONUTILITY-OWNED PARALLEL GENERATION (Cont'd.)

B. INTERCONNECTION FACILITIES (continued)

2. METERING

- b. The Producer may at its option provide, install, own and maintain current and potential transformers rated above 600 volts and a non-revenue type graphic recorder where applicable. Such metering equipment, its installation and maintenance shall all be in conformance with the Utility's specifications.
- c. The Utility's meters shall be equipped with detents to prevent reverse registration so that power deliveries to and from the Producer's equipment can be separately recorded.

3. CONTROL, PROTECTION AND SAFETY EQUIPMENT

- a. GENERAL: The Utility has established functional requirements essential for safe and reliable parallel operation of the Producer's generation. These requirements provide for control, protective and safety equipment to:
 - (1) sense and properly react to failure and malfunction on the Utility's system;
 - (2) assist the Utility in maintaining its system integrity and reliability; and
 - (3) protect the safety of the public and the Utility's personnel.
- b. Listed below are the various devices and features generally required by the Utility as a prerequisite to parallel operation of the Producer's generation:

CONTROL, PROTECTION AND SAFETY EQUIPMENT GENERAL REQUIREMENTS¹

Device or Feature	GENERATOR SIZE					
	10 kw or Less	11 kw to 40 kw	41 kw to 100 kw	101 kw to 400 kw	401 kw to 1,000 kw	Over 1,000 kw
Dedicated Transformer ²	-	X	X	X	X	X
Interconnection Disconnect Device	X	X	X	X	X	X
Generator Circuit Breaker	X	X	X	X	X	X
Over-voltage Protection	X	X	X	X	X	X
Under-voltage Protection	-	-	X	X	X	X
Under/Over-frequency Protection	X	X	X	X	X	X
Ground Fault Protection	-	-	X	X	X	X
Over-current Relay w/Voltage Restraint	-	-	-	-	X	X
Synchronizing ³	Manual	Manual	Manual	Manual	Manual	Automatic
Power Factor or Voltage Regulation			X	X	X	X

- c. DISCONNECT DEVICE: The Producer shall provide, install, own and maintain the interconnection disconnect device required by Section B.3.b at a location readily accessible to the Utility. Such device shall normally be located near the Utility's meter or meters for sole operation by the Utility. The interconnection disconnect device and its precise location shall be specified by the Utility. At the Producer's option and request, the Utility will provide, install, own and maintain the disconnect device on the Utility's system as special facilities in accordance with Section F.

¹Detailed requirements are specified in the Utility's current operating, metering and equipment protection publications, as revised from time to time by the Utility and available to the Producer upon request. For a particular generator application, the Utility will furnish its specific control, protective and safety requirements to the Producer after the exact location of the generator has been agreed upon and the interconnection voltage level has been established.

²This is a transformer interconnected with no other Producers and serving no other Utility customers. Although the dedicated transformer is not a requirement for generators rated 10 kw or less, its installation is recommended by the Utility.

³This is a requirement for synchronous and other types of generators with stand-alone capability. For all such generators, the Utility will also require the installation of "reclose blocking" features on its system to block certain operations of the Utility's automatic line restoration equipment.

(Continued)

RULE NO. 21 -- NONUTILITY-OWNED PARALLEL GENERATION (Cont'd.)

B. INTERCONNECTION FACILITIES (continued)

4. UTILITY SYSTEM ADDITIONS AND REINFORCEMENTS

- a. Except as provided for in Section B.5, all additions to and reinforcements of the Utility's system necessary to interconnect with and receive power deliveries from the Producer's generation will be provided, installed, owned and maintained by the Utility as special facilities in accordance with Section F. Such additions and reinforcements may include the installation of a Utility distribution or transmission line extension or the increase of capacity in the Utility's existing distribution or transmission lines. The Utility shall determine whether any such additions or reinforcements shall include an increment of additional capacity for the Utility's use in furnishing service to its customers. If so, then the costs of providing, installing, owning and maintaining such additional capacity shall be borne by the Utility and/or its customers in accordance with the Utility's applicable tariffs on file with and authorized by the California Public Utilities Commission (Commission).
- b. The Producer shall advance to the Utility its estimated costs of performing a preliminary or detailed engineering study as may be reasonably required to identify any Producer related Utility system additions and reinforcements. Where such preliminary or detailed engineering study involves analysis of the Utility's transmission lines (60 kv and higher), the Utility shall complete its study within twelve calendar months of receiving all necessary plans and specifications from the Producer.

5. PRODUCER-INSTALLED UTILITY-OWNED LINE EXTENSIONS: The Producer may at its option provide and install an extension of the Utility's distribution or transmission lines where required to complete the Producer's interconnection with the Utility. Such extension shall be installed by contractors approved by the Utility and in accordance with its design and specifications. The Producer shall pay the Utility its estimated costs of design, administration and inspection as may be reasonably required to assure such extension is installed in compliance with the Utility's requirements. Upon final inspection and acceptance by the Utility, the Producer shall transfer ownership of the line extension to the Utility where thereafter it shall be owned and maintained as special facilities in accordance with Section F. This provision does not preclude the Producer from installing, owning and maintaining a distribution or transmission line extension as part of its other Producer-owned interconnection facilities.
6. COSTS OF FUTURE UTILITY SYSTEM ALTERATIONS: The Producer shall be responsible for the costs of only those future Utility system alterations which are directly related to the Producer's presence or necessary to maintain the Producer's interconnection in accordance with the Utility's applicable operating, metering and equipment publication in effect when the Producer and the Utility entered into a written form of power purchase agreement. Alterations made at the Producer's expense shall specifically exclude increases of existing line capacity necessary to accommodate the other Producers or Utility customers. Such alterations may, however, include relocation or undergrounding of the Utility's distribution or transmission lines as may be ordered by a governmental authority having jurisdiction.
7. ALLOCATION OF THE UTILITY'S EXISTING LINE CAPACITY: For two or more Producers seeking to use an existing line, a first come, first served approach shall be used. The first Producer to request an interconnection shall have the right to use the existing line and shall incur no obligation for costs associated with future line upgrades needed to accommodate other Producers or customers. The Utility's power purchase agreement shall specify the date by which the Producer must begin construction. If that date passes and construction has not commenced, the Producer shall be given 30 days to correct the deficiency after receiving a reminder from the Utility that the construction start-up date has passed. If construction has not commenced after the 30-day corrective period, the Utility shall have the right to withdraw its commitment to the first Producer and offer the right to interconnect on the existing line to the next Producer in order. If two Producers establish the right of first-in-time simultaneously, the two Producers shall share the costs of any additional line upgrade necessary to facilitate their cumulative capacity requirements. Costs shall be shared based on the relative proportion of capacity each Producer will add to the line.

(Continued)

Advice Letter No. 1025-E
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Vice-President

Date Filed May 21, 1984
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Resolution No. _____

RULE NO. 21 -- NONUTILITY-OWNED PARALLEL GENERATION (Cont'd.)

- C. ELECTRIC SERVICE FROM THE UTILITY: If the Producer requires regular, supplemental, interruptible or standby service from the Utility, the Producer shall enter into separate contractual arrangements with the Utility in accordance with the Utility's applicable electric tariffs on file with and authorized by the Commission.
- D. OPERATION
1. PREPARALLEL INSPECTION: In accordance with Section A.7, the Utility will inspect the Producer's interconnection facilities prior to providing it with written authorization to commence parallel operation. Such inspection shall determine whether or not the Producer has installed certain control, protective and safety equipment to the Utility's specifications. Where the Producer's generation has a rated output in excess of 100 kw, the Producer shall pay the Utility its estimated costs of performing the inspection.
 2. JURISDICTION OF THE UTILITY'S SYSTEM DISPATCHER: The Producer's generation while operating in parallel with the Utility's system is at all times under the jurisdiction of the Utility's system dispatcher. The system dispatcher shall normally delegate such control to the Utility's designated switching center.
 3. COMMUNICATIONS: The Producer shall maintain telephone service from the local telephone company to the location of the Producer's generation. In the event such location is remote or unattended, telephone service shall be provided to the nearest building normally occupied by the Producer's generator operator. The Utility and the Producer shall maintain operating communications through the Utility's designated switching center.
 4. GENERATOR LOG: The Producer shall at all times keep and maintain a detailed generator operations log. Such log shall include, but not be limited to, information on unit availability, maintenance outages, circuit breaker trip operations requiring manual reset and unusual events. The Utility shall have the right to review the Producer's log.
 5. REPORTING ABNORMAL CONDITIONS: The Utility shall advise the Producer of abnormal conditions which the Utility has reason to believe could affect the Utility's operating conditions or procedures. The Producer shall keep the Utility similarly informed.
 6. POWER FACTOR: The Producer shall furnish reactive power as may be reasonably required by the Utility.
 - a. The Utility reserves the right to specify that generators with power factor control capability, including synchronous generators, be capable of operating continuously at any power factor between 95 percent leading (absorbing vars) and 90 percent lagging (producing vars) at any voltage level within ± 5.0 percent of rated voltage. For other types of generators with no inherent power factor control capability, the Utility reserves the right to specify the installation of capacitors by the Producer to correct generator output to near 95 percent leading power factor. The Utility may also require the installation of switched capacitors on its system to produce reactive support equivalent to that provided by operating a synchronous generator of the same size between 95 percent leading and 90 percent lagging power factor.
 - b. Where either the Producer or the Utility determines that it is not practical for the Producer to furnish the Utility's required level of reactive power or when the Utility specifies switched capacitors in its system pursuant to Section D.6.a, the Utility will provide, install, own and maintain the necessary devices on its system in accordance with Section F.
- E. INTERFERENCE WITH SERVICE AND COMMUNICATION FACILITIES
1. GENERAL: The Utility reserves the right to refuse to connect to any new equipment or to remain connected to any existing equipment of a size or character that may be detrimental to the Utility's operations or service to its customers.

(Continued)

Advice Letter No. 1025-E
Decision No. 83-10-093

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RULE NO. 21 -- NONUTILITY-OWNED PARALLEL GENERATION (Cont'd.)

E. INTERFERENCE WITH SERVICE AND COMMUNICATION FACILITIES (continued)

2. The Producer shall not operate equipment that superimposes upon the Utility's system a voltage or current which causes interference with the Utility's operations, service to the Utility's customers or interference to communication facilities. If the Producer causes service interference to others, the Producer must diligently pursue and take corrective action at the Producer's expense after being given notice and reasonable time to do so by the Utility. If the Producer does not take timely corrective action, or continues to operate the equipment causing the interference without restriction or limit, the Utility may, without liability, disconnect the Producer's equipment from the Utility's system until a suitable permanent solution provided by the Producer is operational at the Producer's expense.

F. SPECIAL FACILITIES

1. Where the Producer requests the Utility to furnish interconnection facilities or where it is necessary to make additions to or reinforcements of the Utility's system and the Utility agrees to do so, such facilities shall be deemed to be special facilities and the costs thereof shall be borne by the Producer, including such continuing ownership costs as may be applicable.
2. Special facilities are (a) those facilities installed at the Producer's request which the Utility does not normally furnish under its tariff schedules, or (b) a prorata portion of existing facilities requested by the Producer, allocated for the sole use of such Producer, which would not normally be allocated for such sole use. Unless otherwise provided by the Utility's filed tariff schedules, special facilities will be installed, owned and maintained or allocated by the Utility as an accommodation to the Producer only if acceptable for operation by the Utility and the reliability of service to the Utility's customers is not impaired.
3. Special Facilities will be furnished under the terms and conditions of the Utility's "Agreement for Installation or Allocation of Special Facilities for Parallel Operation of Nonutility-owned Generation and/or Electrical Standby Service" (Form 79-280, effective June 1984) and its Appendix A, "Detail of Special Facilities Charges" (Form 79-702, effective June 1984). Prior to the Producer signing such an agreement, the Utility shall provide the Producer with a breakdown of special facilities costs in a form having detail sufficient for the information to be reasonably understood by the Producer. The special facilities agreement will include, but is not limited to, a binding quotation of charges to the Producer and the following general terms and conditions:
 - a. Where facilities are installed by the Utility for the Producer's use as special facilities, the Producer shall advance to the Utility its estimated installed cost of the special facilities. The amount advanced is subject to the monthly ownership charge applicable to customer-financed special facilities as set forth in Section 1 of the Utility's Rule No. 2.
 - b. At the Producer's option, and where such Producer's generation is a qualifying facility^A and the Producer has established credit worthiness to the Utility's satisfaction, the Utility shall finance those special facilities it deems to be removable and reusable equipment. Such equipment shall include, but not be limited to, transformation, disconnection and metering equipment.
 - c. Existing facilities allocated for the Producer's use as special facilities and removable and reusable equipment financed by the Utility in accordance with Section F.3.b are subject to the monthly ownership charge applicable to Utility-financed special facilities as set forth in Section 1 of Rule 2.

^A A qualifying facility is one which meets the requirements established by the Federal Energy Regulatory Commission's rules (18 Code of Federal Regulations 292) implementing the Public Utility Regulatory Policies Act of 1978 (16 U.S.C.A. 796, et seq.).

(Continued)

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Rates and Economic Analysis

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RULE NO. 21 -- NONUTILITY-OWNED PARALLEL GENERATION (Cont'd.)

F. SPECIAL FACILITIES (continued)

d. Where the Producer elects to install and deed to the Utility an extension of the Utility's distribution or transmission lines for use as special facilities in accordance with Section B.5, the Utility's estimate of the installed cost of such extension shall be subject to the monthly ownership charge applicable to customer-financed special facilities as set forth in Section I of the Rule No. 2.

4. Where payment or collection of continuing monthly ownership charges is not practicable, the Producer shall be required to make an equivalent one-time payment in lieu of such monthly charges.

5. Costs of special facilities borne by the Producer may be subject to downward adjustment when such special facilities are used to furnish permanent service to a customer of the Utility. This adjustment will be based upon the extension allowance or other such customer allowance which the Utility would have utilized under its then applicable tariffs if the special facilities did not otherwise exist. In no event shall such adjustment exceed the original installed cost of that portion of the special facilities used to serve a new customer. An adjustment, where applicable, will consist of a refund applied to the Producer's initial payment for special facilities and/or a corresponding reduction of the ownership charge.

G. EXCEPTIONAL CASES: Where the application of this rule appears impractical or unjust, the Producer may refer the matter to the Commission for special ruling or for the approval of special conditions.

H. INCORPORATION INTO POWER PURCHASE AGREEMENTS: Pursuant to Decision No. 83-10-093, if in accordance with Section A.4 the Producer enters into a written form of power purchase agreement with Utility, a copy of the Rule No. 21 in effect on the date of execution will be appended to, and incorporated by reference into, such power purchase agreement. The Rule appended to such power purchase agreement shall then be applicable for the term of the Producer's power purchase agreement with the Utility. Subsequent revisions to this rule shall not be incorporated into the rule appended to such power purchase agreement.

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D-2 POINT OF DELIVERY LOCATION SKETCH

The Seller requests, and PGandE consents, that the location sketch not be made at the time of executing the Agreement because the Seller, recognizing that the information is not yet available to make a definitive determination of the sketch to be inserted here, shall request PGandE to perform an interconnection study to be done in its accustomed manner of making such studies to determine the sketch to be inserted.

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D-3 INTERCONNECTION FACILITIES FOR WHICH SELLER IS RESPONSIBLE

The Seller requests, and PGandE consents, that this listing of facilities not be filled in at the time of executing the Agreement because the Seller, recognizing that the information is not yet available to make a definitive determination of the listing of facilities to be inserted here, shall request PGandE to perform an interconnection study to be done in its accustomed manner of making such studies to determine the listing of facilities to be inserted.

Appendix E

**CPUC Decisions Authorizing Transactions Related to
the January 17, 1986 SO1 PPA**

CPUC Decisions Authorizing Transactions Related to the January 17, 1986 SO1 PPA

Decision Number	Decision Name
D.82-01-103	Commission rules regarding electric utility purchases of electric power from <i>Cogeneration</i> and small power production facilities
D.82-12-120	Rules established for <i>Standard Offers</i> for cogeneration
D.83-10-093	Opinion on compliance filings of electric utilities with respect to standard offer contracts for the purchase of electricity from qualifying cogeneration and small power production facilities
D.84-03-092	Opinion and order reviewing the terms of standard offer contracts under which electric utilities purchase electricity from qualifying cogeneration and small power production facilities

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

Aglet	Department of the Army	Northern California Power Association
Agnews Developmental Center	Dept of General Services	Occidental Energy Marketing, Inc.
Alcantar & Kahl	Division of Business Advisory Services	OnGrid Solar
Ancillary Services Coalition	Douglas & Liddell	PITCO
Anderson & Poole	Douglass & Liddell	PPL EnergyPlus, LLC
Arizona Public Service Company	Downey & Brand	Pinnacle CNG Company
BART	Duke Energy	Praxair
BP Energy Company	Duncan, Virgil E.	R. W. Beck & Associates
Barkovich & Yap, Inc.	Dutcher, John	RCS, Inc.
Bartle Wells Associates	Ellison Schneider & Harris LLP	RMC Lonestar
Blue Ridge Gas	Energy Management Services, LLC	Recon Research
Braun & Associates	FPL Energy Project Management, Inc.	SCD Energy Solutions
C & H Sugar Co.	Foster Farms	SCE
CA Bldg Industry Association	Foster, Wheeler, Martinez	SESCO
CAISO	Franciscan Mobilehome	SMUD
CLECA Law Office	G. A. Krause & Assoc.	SPURR
CSC Energy Services	GLJ Publications	Santa Fe Jets
California Cotton Ginners & Growers Assn	Goodin, MacBride, Squeri, Schlotz & Ritchie	Seattle City Light
California Energy Commission	Green Power Institute	Sempra Utilities
California League of Food Processors	Hanna & Morton	Sequoia Union HS Dist
California Public Utilities Commission	Heeg, Peggy A.	Sierra Pacific Power Company
California Water Company	Hitachi	Silicon Valley Power
Calpine	Hogan Manufacturing, Inc.	Smurfit Stone Container Corp
Cameron McKenna	Imperial Irrigation District	Southern California Edison Company
Cardinal Cogen	Innercite	St. Paul Assoc.
Casner, Steve	International Power Technology	Sunshine Design
Cerox	Intestate Gas Services, Inc.	Sutherland, Asbill & Brennan
Chamberlain, Eric	J. R. Wood, Inc.	TFS Energy
Chevron Company	JTM, Inc.	Tabors Caramanis & Associates
Chris, King	Los Angeles Dept of Water & Power	Tecogen, Inc.
City of Glendale	Luce, Forward, Hamilton & Scripps LLP	TransCanada
City of Palo Alto	MBMC, Inc.	Turlock Irrigation District
City of San Jose	MRW & Associates	U S Borax, Inc.
Clean Energy Fuels	Manatt Phelps Phillips	United Cogen
Coast Economic Consulting	Matthew V. Brady & Associates	Utility Cost Management
Commerce Energy	McKenzie & Associates	Utility Resource Network
Commercial Energy	Meek, Daniel W.	Utility Specialists
Constellation	Merced Irrigation District	Vandenberg Air Force
Constellation New Energy	Mirant	Verizon
Consumer Federation of California	Modesto Irrigation District	Wellhead Electric Company
Crossborder Energy	Morgan Stanley	Western Manufactured Housing Communities Association (WMA)
Davis Wright Tremaine LLP	Morrison & Foerster	White & Case
Day Carter Murphy	New United Motor Mfg., Inc.	eMeter Corporation
Defense Energy Support Center	Norris & Wong Associates	
Department of Water Resources	North Coast SolarResources	