



*Pacific Gas and
Electric Company*

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January 3, 2004

**Advice 2606-E
(Pacific Gas and Electric Company ID U 39 E)**

Public Utilities Commission of the State of California

Subject: Tri-Dam Power Purchase Agreement

Pacific Gas and Electric Company (PG&E) hereby submits for California Public Utilities Commission (Commission) review and approval a contract for the procurement of renewable energy, capacity and ancillary services.

All attachments, except Appendices A and B, to this advice letter comprise Confidential Protected Material, in accordance with the May 20, 2003, Modified Protective Order issued in Rulemaking (R.) 01-10-024, and pursuant to Public Utilities Code Section 583.

Purpose

PG&E submits the proposed contract in Appendix A and requests that the Commission adopt a final resolution no later its meeting on March 17, 2005, approving the proposed contract in its entirety, and finding that this contract and PG&E's entry into it are reasonable and prudent for all purposes, including, but not limited to, PG&E's recovery in rates of all payments made under this contract, for the full term of the contract, subject only to Commission review with respect to the reasonableness of PG&E's administration of this contract.

Background

The Tri-Dam Project is a joint venture of the Oakdale Irrigation District and the South San Joaquin Irrigation District. The Tri-Dam Project consists of three separate hydroelectric powerhouses along the Stanislaus River totaling 101 MW of capacity (Donnells - 72 MW, Tulloch - 18 MW, and Beardsley - 11 MW), with energy production of 470 GWhr in an average year.

Tri-Dam currently sells its power to PG&E under a 50-year contract that expired on December 31, 2004. On November 26, 2003, the Tri-Dam Project issued a Request for Proposals (RFP) from all qualified parties interested in purchasing the generation output of the Tri-Dam Project under a power sales agreement to be effective on January 1, 2005.¹ The Tri-Dam RFP is provided in Appendix B to this Advice Letter.

Tri-Dam conducted the competitive solicitation to select a power purchaser to replace the expiring contract. PG&E participated in the phased RFP and on September 16, 2004, was selected to negotiate a new power purchase-sale contract with Tri-Dam.² Tri-Dam approved the new contract on December 16, 2004.

Under the new contract, PG&E will purchase all of the output of the system at a Dow Jones NP15 index-based price, dispatch the capacity, energy, and ancillary services, and coordinate the output of the facilities with PG&E's Spring Gap-Stanislaus hydroelectric Project.

PG&E customers will receive the following benefits from the new contract:

- **Market Value:** The pricing of the energy and ancillary services has positive market value to PG&E customers.
- **Renewable Portfolio Standard (RPS) Energy:** Tulloch and Beardsley qualify as RPS facilities that will remain in PG&E's baseline.
- **Resource Adequacy:** Much of the Tri-Dam capacity is likely to count toward meeting PG&E resource adequacy requirements.
- **Portfolio Diversification:** The cost of energy from Tri-Dam is not indexed directly to gas, and thereby reduces PG&E's exposure to gas prices.
- **Low Market Risk:** Since pricing is index-based, market exposure is limited.
- **Stanislaus Coordination:** PG&E will have the ability to optimize both PG&E and Tri-Dam hydro facilities.

As described in more detail in Confidential Appendix C, PG&E was able to provide pricing and terms to Tri-Dam competitive to other bids while retaining value to PG&E customers. PG&E accomplished this through its detailed understanding of the Tri-Dam hydro system and its in-place operations infrastructure. PG&E's proposal maximized the value of the system -- sharing

¹ In order to meet Tri-Dam's January 1, 2005 deadline, PG&E has entered into a power purchase agreement for January 1, 2005 through September 30, 2005 under its authority pursuant to D.04-01-050. The power purchase agreement filed today for Commission approval is for the period October 1, 2005 through December 31, 2009. Together, the two agreements total 5 years, which was Tri-Dam's requested term.

² Decision (D.) 04-01-050, Ordering Paragraph (O.P.) 10, permits utilities to participate in RFPs and/or open seasons conducted by generators offering capacity and/or energy.

that value between Tri-Dam and PG&E customers -- at minimal marginal operations cost.

In Confidential Appendix D, PG&E provides the presentation made to its Procurement Review Group (PRG). Terms of the proposed contract were presented to the PRG on September 29, 2004. Minutes from the September 29 PRG meeting are also included in Confidential Appendix D.

Details of the contract were presented to PG&E's Utility Risk Management Committee (URMC) on October 27, 2004. Confidential Appendix E contains the URMC presentation as well as the November 18, 2004 memo to the URMC recommending approval of the Tri-Dam contract.

Protests

Anyone wishing to protest this filing may do so by sending a letter by **January 23, 2005**, which is 20 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

Copies should also be mailed to the attention of the Director, Energy Division, Room 4005 and Jerry Royer, Energy Division, at the address shown above. It is also requested that a copy of the protest be sent via postal mail and facsimile to Pacific Gas and Electric Company on the same date it is mailed or delivered to the Commission at the address shown below.

Pacific Gas and Electric Company
Attention: 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 no later than **March 17, 2005**.

Notice

In accordance with General Order 96-A, Section III, Paragraph G, 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 list for R.01-10-024. 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.

The portions of this advice letter so marked Confidential Protected Material are in accordance with the May 20, 2003, Modified Protective Order in R. 01-10-024 Regarding Confidentiality of Pacific Gas and Electric Company (PG&E) Power Procurement Information. As required by that Order, reviewing representatives of Market Participating Parties will not be granted access to Protected Material, but will instead be limited to reviewing redacted versions of documents that contain Protected Material.


Director – Regulatory Relations

Attachments

Appendix A	Procurement Contract for which PG&E Seeks Commission Approval
Appendix B	Tri-Dam Project Request for Proposals for Power Purchases Commencing January 1, 2005
Confidential Appendix C	Valuation of the Proposed Tri-Dam Contract
Confidential Appendix D	Procurement Review Group Minutes, Including PPA Presentation
Confidential Appendix E	URMC Presentation and Memo to URMC Recommending Approval

Appendix A

Procurement Contract for which PG&E Seeks Commission Approval

MASTER POWER PURCHASE AND SALE AGREEMENT

COVER SHEET

This *Master Power Purchase and Sale Agreement* ("*Master Agreement*") is made as of the following date: December 29, 2004 ("*Effective Date*"). The *Master Agreement*, together with the exhibits, schedules and any written supplements hereto, the Party A Tariff, if any, the Party B Tariff, if any, any designated collateral, credit support or margin agreement or similar arrangement between the Parties and the Transaction (including the Confirmation Letter described in Section 2.3 hereto) shall be referred to as the "*Agreement*." The Parties to this *Master Agreement* are the following:

Name: ("Pacific Gas and Electric Company" or "Party A")

Name: Oakdale Irrigation District and the South San Joaquin Irrigation District, jointly and severally doing business as the Tri-Dam Project ("Counterparty" or "Party B")

All Notices:

All Notices:
P.O. Box 1158
Pinecrest, CA 95364-0158

Street: 245 Market Street

Street: 31885 Old Strawberry Road

City: San Francisco, CA Zip: 94105

City: Strawberry, CA Zip: 95375

Attn: Contract Administration
Phone: (415) 973-4941
Facsimile: (415) 973-9176
Duns: 556650034
Federal Tax ID Number: 94-0742640

Attn: Steve Felte
Phone: (209) 965-3996 x120
Facsimile: (209) 965-4235
Duns: 07-736-5369
Federal Tax ID Number: 94-6032551

Invoices:

Attn: Marc Renson
Phone: (415) 973-1721
Facsimile: (415) 973-2151

Invoices:

Attn: Jason Reed
Phone: (209) 965-3996 x123
Facsimile: (209) 965-4235

Scheduling:

Attn: Kevin Coffee
Phone: (415) 973-7631
Facsimile: (415) 973-5333

Scheduling:

Attn: Ed Kisling
Phone: (209) 965-3996 x121
Facsimile: (209) 965-4235

Payments:

Attn: Marc Renson
Phone: (415) 973-1721
Facsimile: (415) 973-2151

Payments:

Attn: Jason Reed
Phone: (209) 965-3996 x123
Facsimile: (209) 965-4235

Wire Transfer:

BNK: Boston Safe Deposit and Trust Co.
ABA: 01001234
ACCT: 059994

Wire Transfer:

BNK: Oak Valley Community Bank
ABA: 121142119
ACCT: 002100592

Credit and Collections:

Attn: Manager, Credit Risk Management
Phone: (415) 972-5244
Facsimile: (415) 973-7031

Credit and Collections:

Attn: Jason Reed
Phone: (209) 965-3996 x123
Facsimile: (209) 965-4235

With additional Notices of an Event of Default or Potential Event of Default to:

Attn: Rich Miram

With additional Notices of an Event of Default or Potential Event of Default to:

Attn: Carl R. Steen

Phone: (415) 973-1170
Facsimile: (415) 973-9176

Phone: (714) 966-8803
Facsimile: (714) 754-6611

The Parties hereby agree that the General Terms and Conditions are incorporated herein, and to the following provisions as provided for in the General Terms and Conditions:

Party A Tariff Tariff FERC _____ Dated December 19, 2002_ Docket Number ER 03-198-000_

Party B Tariff Tariff N/A _____ Dated _____ Docket Number _____

Article Two

Transaction Terms and Conditions Optional provision in Section 2.4. If not checked, inapplicable.

Article Four

Remedies for Failure to Deliver or Receive Accelerated Payment of Damages. If not checked, inapplicable.

Article Five

Events of Default; Remedies Cross Default for Party A:
N/A
 Party A: _____ Cross Default Amount \$ _____
 Other Entity: _____ Cross Default Amount \$ _____
 Cross Default for Party B:
N/A
 Party B: _____ Cross Default Amount \$ _____
 Other Entity: _____ Cross Default Amount \$ _____

5.6 Closeout Setoff

- Option A (Applicable if no other selection is made.)
- Option B - Affiliates shall have the meaning set forth in the Agreement unless otherwise specified as follows: _____

Option C (No Setoff)

Article 8

Credit and Collateral Requirements

8.1 Party A Credit Protection:

(a) Financial Information:

- Option A
- Option B Specify: _____
- Option C Specify: _____

(b) Credit Assurances:

- Not Applicable
- Applicable

(c) Collateral Threshold:

- Not Applicable
- Applicable

If applicable, complete the following:

Party B Collateral Threshold: \$ _____.

Party B Independent Amount: \$ _____

Party B Rounding Amount: \$ _____

(d) Downgrade Event:

- Not Applicable
- Applicable

If applicable, complete the following:

- It shall be a Downgrade Event for Party B if Party B's Credit Rating falls below _____ from S&P or _____ from Moody's or if Party B is not rated by either S&P or Moody's.

- Other:
Specify: _____

(e) Guarantor for Party B: N/A

Guarantee Amount: _____

8.2 Party B Credit Protection:

(a) Financial Information:

- Option A
- Option B Specify: _____
- Option C Specify: _____

(b) Credit Assurances:

- Not Applicable
- Applicable

(c) Collateral Threshold:

- Not Applicable
- Applicable

If applicable, complete the following:

Party A Collateral Threshold: \$ _____

Party A Independent Amount: \$ _____

Party A Rounding Amount: \$ _____

(d) Downgrade Event:

- Not Applicable
- Applicable

If applicable, complete the following:

It shall be a Downgrade Event for Party A if Party A's Credit Rating falls below from S&P or from Moody's or if Party A is not rated by either S&P or Moody's; or

Other:
Specify:

(e) Guarantor for Party A:

Guarantee Amount:

Article 10

Confidentiality

Confidentiality Applicable

If not checked, inapplicable.

Schedule M

Party A is a Governmental Entity or Public Power System

Party B is a Governmental Entity or Public Power System

Add Section 3.6. If not checked, inapplicable

Add Section 8.4. If not checked, inapplicable

Other Changes

Specify, if any: See below.

Other Changes

Article One: General Definitions

1. The following shall be added at the beginning of Article One:

"The following capitalized terms shall have the meaning ascribed to them in this Article One. Other capitalized terms used herein but not otherwise defined shall have the meaning ascribed to them in the Confirmation Letter (as defined below)."

2. The following sections are amended to delete the text therefrom and substitute in its stead "Intentionally Deleted.":

Section 1.6 "Call Option"

Section 1.13 "Cross Default Amount"

Section 1.33 "Offsetting Transactions"

Section 1.34 "Option"

Section 1.35 "Option Buyer"

Section 1.36 "Option Seller"

Section 1.39 "Party A Independent Amount"

Section 1.40 "Party B Independent Amount"

Section 1.41 "Party A Rounding Amount"

Section 1.41 "Party B Rounding Amount"

Section 1.46 "Potential Event of Default"

Section 1.48 "Put Option"
Section 1.50 "Recording"
Section 1.51 "Replacement Price"
Section 1.53 "Sales Price"
Section 1.57 "Strike Price"

3. Section 1.5 is amended to delete the text therefrom and to substitute the following in its stead:

"Buyer" means Party A.

4. Section 1.10 is amended to delete the parenthetical phrase "(unless otherwise provided for)".

5. Section 1.11 is amended to delete the text therefrom and to substitute the following in its stead:

"Costs" means, with respect to the Non-Defaulting Party, any and all costs and expenses directly or indirectly incurred by the Non-Defaulting Party in connection with the termination of this Master Agreement and the Confirmation Letter upon an Event of Default by the Defaulting Party and/or in connection with entering into new contract(s) to replace this Master Agreement and the Confirmation Letter upon such termination, including, but not limited to, brokerage fees, commissions, attorney fees and other third party transaction costs and expenses. The Non-Defaulting Party shall use commercially reasonable efforts to mitigate or eliminate these Costs.

6. Section 1.12 is amended to delete the word "issues" and to substitute in its stead "issuer" in the fourth line.

7. Section 1.15 is amended to delete the words "as specified in the Transaction" and to substitute in its stead "as specified in the Confirmation Letter with respect to the Transaction".

8. Section 1.16 is amended to delete the words "as specified in the Transaction" and to substitute in its stead "as specified in the Confirmation Letter with respect to the Transaction".

9. Section 1.23 is amended to delete the text therefrom and to substitute the following in its stead:

"Force Majeure" means any cause beyond the control of the Party affected, including but not restricted to, flood, drought, earthquake, storm, severe cold or hot weather or snow or other extreme or severe weather conditions, fire, lightning, epidemic, war, riot, civil disturbance or disobedience, labor dispute, labor or material shortage, sabotage, restraint by court order or public authority, action or inaction by, or failure to obtain the necessary authorizations or approvals from, any governmental agency or authority, Catastrophic Equipment Failure, mechanical or equipment breakdown caused by any of the foregoing Force Majeure events, or any other cause beyond the reasonable control of the Party

relying on such cause to excuse its performance hereunder to the extent to which such Party cannot remedy the problem by exercise of due diligence.

10. Section 1.27 is amended to delete the words "or a foreign bank with a U.S. branch" and substitute in its stead "or a U.S. branch of a foreign bank".

11. Section 1.45 is amended to add the words "guarantee, or performance bond" after "Letter(s) of Credit," and to add the word "reasonably" after the phrase "or other security."

12. Section 1.47 is amended to delete the text therefrom and substitute the following in its stead:

"Product" means electric capacity, energy or other product(s) related thereto as specified in the Confirmation Letter.

13. Section 1.55 is amended to delete the text therefrom and substitute the following in its stead:

"Seller" means Party B.

14. Section 1.60 is amended to delete the text therefrom and substitute the following in its stead:

"Transaction" means the transaction described in the Confirmation Letter for the purchase and sale of energy, taken as a single, integrated transaction.

15. The following definitions shall be added in the appropriate alphabetical and numerical order in Article One:

"Broker or Index Quotes" means quotations solicited or obtained in good faith from (a) regularly published and widely-distributed daily forward price assessments from a broker that is not an Affiliate of either Party and who is actively participating in markets for the relevant Products or (b) end-of-day prices for the relevant Products published by exchanges which transact in the relevant markets."

"Catastrophic Equipment Failure" means a sudden unexpected failure of a major piece of equipment that (i) substantially reduces or eliminates the capability of the System to produce power; (ii) is beyond the reasonable control of Party B and could not have been prevented by the exercise of reasonable due diligence by Party B; and (iii) despite the exercise of all reasonable efforts, actually requires more than sixty (60) days to repair (if the determination of whether a Catastrophic Equipment Failure has occurred is being made more than sixty (60) days after the failure) or is reasonably expected to require more than sixty (60) days to repair (if such determination is being made within sixty (60) days after the failure).

"Confirmation Letter" has the meaning set forth in Section 2.3.

"CPUC Approval" means a final and non-appealable order of the California Public Utilities Commission ("CPUC"), without conditions or modifications that would materially alter the economic arrangements contemplated by the Transaction or would reasonably be expected to have a material adverse effect on either Party, which approves this Agreement in its entirety, including payments to be made by Buyer, subject to CPUC review of the Buyer's administration of the Agreement. CPUC Approval shall be deemed to occur on the date that a CPUC decision containing such findings becomes final and non-appealable.

"FERC Re-Licensing" means the re-licensing of the System that is required to be obtained by Seller from the Federal Energy Regulatory Commission.

"Market Quotation Average Price" means the arithmetic mean of the quotations solicited in good faith from not less than three (3) Reference Market-Makers (as hereinafter defined); provided, however, that the Party obtaining the quotes shall use reasonable efforts to obtain good faith quotations from at least five (5) Reference Market-Makers and, if at least five (5) such quotations are obtained, the Market Quotation Average Price shall be determined by disregarding the highest and lowest quotations and taking the arithmetic mean of the remaining quotations. The quotations shall be based on the offers to sell or bids to buy, as applicable, obtained for transactions substantially similar to each Terminated Transaction. The quote must be obtained assuming that the Party obtaining the quote will provide sufficient credit support for the proposed transaction. Each quotation shall be obtained, to the extent reasonably practicable, as of the same day and time (without regard to different time zones) on or as soon as reasonably practicable after the relevant Early Termination Date. The day and time as of which those quotations are to be obtained will be selected in good faith by the Party obtaining the quotations and in accordance with the notice pursuant to Section 5.2, which designates the Early Termination Date. If fewer than three quotations are obtained, it will be deemed that the Market Quotation Average Price in respect of such Terminated Transaction or group of Terminated Transactions cannot be determined.

"Person" means any individual, corporation, limited liability company, partnership, limited partnership, joint venture, trust, unincorporated organization, association, governmental authority, or other entity.

"Prudent Utility Practices" means any of the practices, methods, and acts engaged in or approved by a significant portion of the electric power industry for hydroelectric generating facilities during the relevant time period, or any of the practices, methods or acts which, in the exercise of reasonable judgment in the light of facts known at the time the decision was made, could have been expected to accomplish the desired result at a reasonable cost consistent with good business practices, reliability, safety, and expedition. Prudent Utility Practices does not require the use of the optimum practice, method, or act, but only requires use of practices, methods, or acts generally accepted in

the region covered by the Western Systems Coordinating Council or any other successor or similar organization.

“Reference Market Maker” shall have the meaning as set forth in the Collateral Annex to this Agreement.

"System" has the meaning ascribed to such term in the Confirmation Letter.

Article Two: Transaction Terms and Conditions

1. Section 2.1 is amended to delete the text therefrom and substitute the following in its stead:

Transaction. The Parties shall enter into the Transaction upon the execution and delivery by the Parties of this Master Agreement and the Confirmation Letter.

2. Section 2.2 is amended to delete the text therefrom and substitute the following in its stead:

Governing Terms. The Confirmation Letter and this Master Agreement shall form a single, integrated agreement between the Parties with respect to the Transaction, and, accordingly, the provisions in the Master Agreement referring to offsetting or netting multiple Transactions shall not be applicable. In the event of any conflict between the Confirmation Letter and this Master Agreement, the terms of the Confirmation Letter shall govern.

3. Section 2.3 is amended to delete the text therefrom and substitute the following in its stead:

Confirmation. Buyer and Seller shall set forth the terms of the Transaction in the Confirmation Letter duly executed by both Parties and attached hereto (the "Confirmation Letter").

4. Section 2.4 and Section 2.5 are amended to delete the text therefrom and substitute the following in its stead:

Intentionally Deleted.

Article Three: Obligations and Deliveries

1. Section 3.1 is amended to delete the clause "With respect to each Transaction," and substitute in its stead "With respect to the Transaction," to add after the term "Contract Price" in the fourth line, "as set forth in the Confirmation Letter" and to delete the clause "; provided, however, with respect to Options, the obligations set forth in the preceding sentence shall only arise if the Option Buyer exercises its Option in accordance with its terms."
2. Section 3.2 is deleted in its entirety and replaced with the following:

Transmission and Scheduling Services. Transmission and scheduling services shall be addressed in the Confirmation Letter.

3. A new Section 3.4 is added as follows:

Index Transactions. If the Contract Price for a Transaction is determined by reference to a third-party information source, then the following provisions shall be applicable to such Transaction.

(a) Market Disruption. If a Market Disruption Event occurs during a Determination Period, the Floating Price for the affected Trading Day(s) shall be determined by reference to the Floating Price specified in the Transaction for the first Trading Day thereafter on which no Market Disruption Event exists; provided, however, if the Floating Price is not so determined within three (3) Business Days after the first Trading Day on which the Market Disruption Event occurred or existed, then the Parties shall negotiate in good faith to agree on a Floating Price (or a method for determining a Floating Price), and if the Parties have not so agreed on or before the twelfth Business Day following the first Trading Day on which the Market Disruption Event occurred or existed, then the Floating Price shall be determined in accordance with Section 5.2.

(b) Definitions. For purposes of this Section 3.4, the following definitions shall apply:

(i) "Determination Period" means each calendar month a part or all of which is within the Delivery Period of a Transaction.

(ii) "Exchange" means, in respect of a Transaction, the exchange or principal trading market specified in the relevant Transaction.

(iii) "Floating Price" means a price per unit in \$U.S. specified in a Transaction that is based upon a Price Source.

(iv) "Market Disruption Event" means, with respect to any Price Source, any of the following events: (a) the failure of the Price Source to announce or publish the specified Floating Price or information necessary for determining the Floating price; (b) the failure of trading to commence or the permanent discontinuation or material suspension of trading in the relevant options contract or commodity on the Exchange or in the market specified for determining a Floating Price; (c) the temporary or permanent discontinuance or unavailability of the Price Source; (d) the temporary or permanent closing of any Exchange specified for determining a Floating Price; or (e) a material change in the formula for or the method of determining the Floating Price.

(v) "Price Source" means, in respect of a Transaction, the publication (or such other origin of reference, including an Exchange) containing (or reporting) the specified price (or prices from which the specified price is calculated) specified in the relevant Transaction.

(vi) "Trading Day" means a day in respect of which the relevant Price Source published the Floating Price.

(c) Corrections to Published Prices. For purposes of determining a Floating Price for any day, if the price published or announced on a given day and used or to be used to determine a relevant price is subsequently corrected and the correction is published or announced by the person responsible for that publication or announcement within one hundred eighty (180) days of the original publication or announcement, either Party may notify the other Party of (i) that correction and (ii) the amount (if any) that is payable as a result of that correction. If, not later than thirty (30) days after publication or announcement of that correction, a Party gives notice that an amount is so payable, the Party that originally either received or retained such amount will, not later than ten (10) Business Days after the effectiveness of that notice, pay, subject to any applicable conditions precedent, to the other Party that amount, together with interest at the Interest Rate for the period from and including the day on which payment originally was (or was not) made to but excluding the day of payment of the refund or payment resulting from that correction.

(d) Calculation of Floating Price. For the purposes of the calculation of a Floating Price, all numbers shall be rounded to three (3) decimal places. If the fourth (4th) decimal number is five (5) or greater, then the third (3rd) decimal number shall be increased by one (1), and if the fourth (4th) decimal number is less than five (5), then the third (3rd) decimal number shall remain unchanged."

4. A new Section 3.5 is added as follows:

3.5 Excuses From Performance.

(a) Seller Excuses From Performance. Seller shall not be liable to Buyer for any damages determined pursuant to Article Four of this Master Agreement or pursuant to the Confirmation Letter in the event Seller fails to deliver Product to Buyer for any of the following reasons:

- (i). Force Majeure;
- (ii) Buyer's failure to perform;
- (iii) Outages of generating facilities to the extent allowed pursuant to the Confirmation Letter;
- (vi) Outages of transmission or interconnection facilities;
- (vii) a reduction in delivered generation as ordered or required due to CAISO's or Buyer's system emergencies;
- (viii) the unavailability of water or the unavailability of sufficient pressure required for operation of the hydroelectric turbine-generators as reasonably determined by Seller within its operating procedures, which is not within the

reasonable control of, or the result of negligence of, Seller, and which by the exercise of due diligence Seller is unable to overcome or avoid.

(b) Buyer Excuses From Performance. The performance of the Buyer to receive and purchase Product shall be excused for the following reasons:

- (i) Force Majeure;
- (ii) Seller's failure to perform; and
- (iii) Outages of transmission or interconnection facilities.

Article Four: Remedies for Failure to Deliver/Receive

Article Four is deleted in its entirety.

Article Five: Events of Default; Remedies

1. Section 5.1(c) is amended to delete the text therefrom and substitute the following in its stead:

(c) the failure to perform any material covenant or obligation set forth in this Agreement (except to the extent constituting a separate Event of Default) if such failure is not remedied within fifteen (15) Business Days after written notice; provided, however, that if such failure cannot reasonably be cured within such fifteen (15) Business Day-period through no fault of the Defaulting Party, but is otherwise reasonably susceptible of being cured, such failure will not constitute an Event of Default if the Defaulting Party commences to cure such failure within the fifteen (15) Business Day-period and proceeds with reasonable diligence to cure the failure until cured;

2. Section 5.1(g) is amended to delete the text therefrom and substitute the following in its stead:

Intentionally Deleted.

3. Section 5.2 is amended to delete the text therefrom and substitute the following in its stead:

Early Termination and Termination Payment upon an Event of Default. If an Event of Default with respect to a Defaulting Party shall have occurred and be continuing, the other Party (the "Non-Defaulting Party") shall have the right to designate a day, no earlier than the day such notice is effective and no later than twenty (20) days after such notice is effective, as an early termination date ("Early Termination Date") to liquidate and terminate the Transaction between the parties (the "Terminated Transaction"). In such case the Non-Defaulting Party shall calculate, in a commercially reasonable manner, the Settlement Amount for the Terminated Transaction as of the early Termination Date,

which shall take into account the amounts that would be incurred or realized by such Non-Defaulting Party to replace or to provide the economic equivalent of the remaining payments or deliveries in respect of the Terminated Transaction determined by reference to available objective and reliable information concerning relevant markets, including quotations (either firm or indicative) of relevant rates, prices, yields, yield curves, volatilities, spreads or other relevant market data.

The Non-Defaulting Party shall determine its Gains and Losses by determining the Market Quotation Average Price for each Terminated Transaction. In the event the Non-Defaulting Party is not able, after commercially reasonable efforts, to obtain the Market Quotation Average Price with respect to any Terminated Transaction, then the Non-Defaulting Party shall calculate its Gains and Losses for such Terminated Transaction in a commercially reasonable manner by calculating the arithmetic mean of at least three (3) Broker or Index Quotes for transactions substantially similar to each Terminated Transaction. Such Broker or Index Quotes must be obtained assuming that the Party obtaining the quote will provide sufficient credit support for the proposed transaction. In the event the Non-Defaulting Party is not able, after commercially reasonable efforts to obtain at least three (3) Broker or Index Quotes with respect to any Terminated Transaction, then the Non-Defaulting Party shall calculate its Gains and Losses for such Terminated Transaction in a commercially reasonable manner by reference to information supplied to it by one or more third parties including, without limitation, quotations (either firm or indicative) of relevant rates, prices, yields, yield curves, volatilities, spreads or other relevant market data in the relevant markets. Third parties supplying such information may include, without limitation, dealers in the relevant markets, end-users of the relevant product, information vendors and other sources of market information; provided, however, that such third parties shall not be Affiliates of either Party. Only in the event the Non-Defaulting Party is not able, after using commercially reasonable efforts, to obtain such third party information, then the Non-Defaulting Party shall calculate its Gains and Losses for such Terminated Transaction in a commercially reasonable manner using relevant market data it has available to it internally.²²

4. Section 5.4 is amended by adding the following to the end of the Section:

Notwithstanding any provision to the contrary contained in this Agreement, the Non-Defaulting Party shall not be required to pay to the Defaulting Party any amount under Article 5 until the Non-Defaulting Party receives confirmation satisfactory to it in its reasonable discretion (which may include an opinion of its counsel) that all other obligations of any kind whatsoever of the Defaulting Party to make any payments to the Non-Defaulting Party or any of its Affiliates under this Agreement or otherwise which are due and payable as of the Early Termination Date (including for these purposes amounts payable pursuant to Excluded Transactions) have been fully and finally performed.

5. Section 5.7 is amended to delete the text therefrom and substitute the following in its stead:

Suspension of Performance. Notwithstanding any other provision of this Master Agreement or the Confirmation Letter, if an Event of Default shall have occurred and be continuing, the Non-Defaulting Party, upon written notice to the Defaulting Party, shall have the right to suspend performance under this Master Agreement and the Confirmation Letter until such Event of Default shall have been remedied, except with respect to payments due for services rendered and Costs incurred prior to the date of suspension.

6. The following new section shall be added to Article Five:

5.8 Remedies. The remedies set forth in this Master Agreement, including, without limitation, in this Article Five, shall be cumulative and a Party's exercise of any such remedy shall not be interpreted to preclude such Party's exercise of a different remedy that is available to it under this Master Agreement or otherwise in law or equity.

Article Six: Payment and Netting

1. Section 6.1 is amended to delete the text therefrom and substitute the following in its stead:

Billing Period. Unless otherwise specifically agreed upon by the Parties in the Confirmation Letter with respect to the Transaction, the calendar month shall be the standard period for all payments under this Agreement. As soon as practicable after the end of each month, Seller will render to Buyer an invoice for the payment obligations incurred hereunder during the preceding month.

2. Section 6.2 is amended to delete the text therefrom and substitute the following in its stead:

Timeliness of Payments. Buyer shall ensure that payments for amounts billed hereunder shall be paid so that such payments are received by Seller by the later of the twentieth (20th) day of each month or the tenth (10th) day after receipt of the applicable invoice (with the deemed date of receipt being determined in accordance with Section 10.7). Each Party will make payments by electronic funds transfer, or by other mutually agreeable method(s), to the account designated by the other Party. Any amounts not paid by the due date will be deemed delinquent and will accrue interest at the Interest Rate, such interest to be calculated from and including the due date to but excluding the date the delinquent amount is paid in full.

3. Section 6.4, 6.5, 6.6, 6.7 and Section 6.8 are amended to delete the text therefrom and substitute the following in its stead:

Intentionally Deleted.

Article Seven: Limitations

Section 7.1 shall be deleted in its entirety and replaced with the following:

THERE IS NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE UNDER THIS MASTER AGREEMENT OR THE CONFIRMATION LETTER, AND ANY AND ALL SUCH IMPLIED WARRANTIES ARE DISCLAIMED. THE PARTIES CONFIRM THAT THE EXPRESS REMEDIES AND MEASURES OF DAMAGES PROVIDED IN THIS MASTER AGREEMENT SATISFY THE ESSENTIAL PURPOSES HEREOF. NOTWITHSTANDING ANYTHING TO THE CONTRARY, NEITHER PARTY SHALL BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, PUNITIVE, EXEMPLARY OR INDIRECT DAMAGES, OR LOST PROFITS. THE PARTIES AGREE THAT OAKDALE IRRIGATION DISTRICT AND SOUTH SAN JOAQUIN IRRIGATION DISTRICT SHALL BE JOINTLY AND SEVERALLY LIABLE FOR THE OBLIGATIONS OF PARTY B UNDER THIS MASTER AGREEMENT.

Article Eight: Credit and Collateral Requirements

1. Section 8.1(d) is amended to add in the second sentence after the phrase "or other credit assurance reasonably acceptable to Party A within three (3) Business Days of receipt of notice": "or fails to maintain such Performance Assurance or guarantee or other credit assurance for so long as the Downgrade Event is continuing."
2. Section 8.2(d) is amended to add after the phrase "or other credit assurance reasonably acceptable to Party B within three (3) Business Days of receipt of notice": "or fails to maintain such Performance Assurance or guarantee or other credit assurance for so long as the Downgrade Event is continuing."

Article Ten: Miscellaneous

1. Section 10.1 is amended to delete the words "until terminated by either Party upon (thirty) 30 days prior written notice" and substitute the following in its stead:

until the day following the last day of the Delivery Period set forth in the Confirmation Letter with respect to the Transaction, unless terminated sooner pursuant to the express provisions of this Agreement or as a result of an Event of Default.
2. Section 10.2(ii) is amended to delete the text therefrom and to substitute the following in its stead:

it has all regulatory authorizations necessary for it to legally perform its obligations under this Agreement and the Transaction, except for (A) CPUC Approval, with respect to Buyer, which is addressed in the Confirmation Letter and (B) the FERC Re-Licensing, with respect to Seller, which is addressed in the Confirmation Letter.

3. Section 10.2(iii) is amended to add the word "existing" before "law."
4. Section 10.2(vi) is amended by deleting the phrase "or any of its Affiliates".
5. Section 10.2(vii) is amended to delete the words "or Potential Event of Default."
6. Section 10.2(xi) is amended to delete the words "or an Option."
7. Section 10.2(xii) is amended to delete the text therefrom and substitute the following in its stead:

all of the statements made and financial documentation provided during the negotiation of this Agreement were correct and complete on the date made, and are correct as of the Effective Date.

8. Section 10.4 is amended to add the following sentence after the final sentence:

In addition, Party A shall protect, save harmless and indemnify Party B and its affiliates, officers, directors, employees, agents and representatives from and against any and all Claims resulting from Party A's actions or omissions under the Transaction, including, but not limited to, Party A's services as Scheduling Coordinator for Party B or any other services provided by Party A to Party B described under the Confirmation Letter, except to the extent resulting from the negligence or willful misconduct of the indemnified Party.

9. Section 10.5 is amended as follows: (a) the phrase "may be withheld in the exercise of its sole discretion" is deleted and replaced with "which consent may not be unreasonably withheld"; and (b) replace the word "affiliate" with the defined term "Affiliate."
10. Section 10.6 is amended to delete the words "New York" and substitute in its stead "California."
11. Section 10.7 is amended to delete the text therefrom and substitute the following in its stead:

Notices. All notices, requests, statements, invoices or payments shall be made as specified in the Cover Sheet. Notices (other than scheduling requests) and invoices shall, unless otherwise specified herein, be in writing and may be delivered by hand delivery, overnight United States mail, overnight courier service, facsimile or electronic mail (subject to confirmation of delivery). Notice or invoice by facsimile, hand delivery or electronic mail shall be deemed to be received and effective at the close of business on the day actually received, if received during business hours on a Business Day, and otherwise shall be deemed to be received and effective at the close of business on the next Business Day. Notice or invoice by overnight United States mail or courier shall be deemed to be received and effective on the next Business Day after it was sent. A Party may change its addresses by providing notice of same in accordance herewith.

12. Section 10.8 is amended:

(a) to delete the phrase "Except to the extent herein provided for," from the fourth sentence and to add at the end of such sentence the following: "and this Master Agreement and the Confirmation Letter may not be orally amended or modified."; and

(b) to delete the penultimate sentence and substitute the following in its stead:

All payment, indemnity and audit rights shall survive the termination of this Agreement for twenty-four (24) months.

13. Section 10.11 is deleted in its entirety and replaced with the following:

10.11 Confidentiality. If the Parties have elected on the Cover Sheet to make this Section 10.11 applicable to this Master Agreement, each Party shall, to the extent practicable, use reasonable efforts to prevent or limit the disclosure of the terms or conditions of this Agreement to any third party (other than the lenders, ratings agencies, counsel, accountants, advisors, agents or representatives of such Party or Affiliates thereof, or who have a need to know such information and have agreed to keep such information confidential), except disclosures made (i) to comply with any applicable law, regulation, or any exchange, control area or independent system operator rule; (ii) in connection with any court or regulatory or other proceeding or request applicable to such Party or any Affiliate thereof, or (iii) as a Party reasonably deems necessary in order to demonstrate the reasonableness of its actions to governmental bodies or regulatory agencies or to secure necessary approvals, including in the case of Tri-Dam, approval of its Board and constituent members; provided, however, the confidentiality obligations hereunder shall not apply to any information that was or hereafter becomes available to the public other than as a result of a disclosure in violation of this Section 10.11. The Parties shall be entitled to all remedies available at law or in equity to enforce, or seek relief in connection with these confidentiality obligations.

14. The following new section shall be added to Article Ten:

10.12 Counterparts. This Agreement and the Confirmation Letter may be executed in two or more counterparts, and upon execution by the Parties, each executed counterpart shall have the same force and effect as an original instrument and as if the Parties had signed the same instrument.

IN WITNESS WHEREOF, the Parties have caused this Master Agreement to be duly executed as of the date first above written.

PACIFIC GAS AND ELECTRIC COMPANY

By: Gordon R. Smith

Name: Gordon R. Smith

Title: President and CEO

OAKDALE IRRIGATION DISTRICT

By: _____

Name: _____

Title: _____

SOUTH SAN JOAQUIN IRRIGATION DISTRICT

By: _____

Name: _____

Title: _____

IN WITNESS WHEREOF, the Parties have caused this Master Agreement to be duly executed as of the date first above written.

PACIFIC GAS AND ELECTRIC COMPANY

By: _____

Name: _____

Title: _____

OAKDALE IRRIGATION DISTRICT

By: Frank B. Clark

Name: Frank B. Clark

Title: President

SOUTH SAN JOAQUIN IRRIGATION DISTRICT

By: Robert Schulz

Name: Robert Schulz

Title: President

**MASTER POWER PURCHASE AND SALE AGREEMENT
CONFIRMATION B
BETWEEN
Oakdale Irrigation District and South San Joaquin Irrigation District
and Pacific Gas and Electric Company**

This confirmation letter dated as of this December 29, 2004 ("Confirmation") confirms the Transaction between Oakdale Irrigation District and South San Joaquin Irrigation District (collectively, "Seller" or "Tri-Dam") and Pacific Gas and Electric Company ("Buyer" or "PG&E") regarding the Transaction in accordance with and subject to the terms and provisions of the Master Power Purchase & Sale Agreement ("Master Agreement") of even date herewith. Capitalized terms used but not defined herein shall have the meanings ascribed to them in the Master Agreement.

1. Product; Unit(s). PG&E agrees to buy and receive and Tri-Dam agrees to sell and deliver all of the products associated with the generation output, including without limitation Energy, capacity ("Capacity"), related ancillary services defined by the California Independent System Operator ("CAISO") ("Ancillary Services") (collectively, "Product") produced by the Tri-Dam System. The "Tri-Dam System" (or "System") consists of and means:

(1) Federal Energy Regulatory Commission ("FERC") Project 2005 which includes: (1) the Donnells Dam & Reservoir, Donnells Powerhouse ("Donnells PH") and all improvements and enhancements thereto (collectively "Donnells"), and (2) the Beardsley Dam and Reservoir, Beardsley Powerhouse ("Beardsley PH"), Beardsley Afterbay, and all improvements and enhancements thereto (collectively "Beardsley"); and

(2) FERC Project 2067 which includes the Tulloch Dam and Reservoir, the Tulloch Powerhouse ("Tulloch PH"), and all improvements and enhancements thereto (collectively "Tulloch").

2. Delivery Term. Delivery shall begin if and only if PG&E has received or waived, by May 15, 2005, CPUC Approval of this Confirmation. If CPUC Approval has been received or waived by May 15, 2005, delivery under this Confirmation shall begin on October 1, 2005 and continue until December 31, 2009, unless earlier terminated in accordance with the terms hereof. Thereafter this Confirmation shall automatically renew for thirty (30) day periods unless either party shall deliver a notice of termination fifteen (15) days prior to the expiration of the initial term or any renewal term. If CPUC Approval has not been received or waived by May 15, 2005, this Confirmation shall terminate immediately and there shall be no obligation by either Party to the other under this Confirmation.

3. Point of Interconnection and Delivery Point.

3.1 Point of Interconnection. The "CAISO Point of Interconnection" in NP15 shall mean for each of Donnells PH, Beardsley PH and Tulloch PH:

(1) For Donnells PH, the CAISO Point of Interconnection is Switch 147 at Spring Gap Junction, located at the end of the Gen-Tie portion of PG&E's Donnells-Curtis 115 kV Transmission Line; or

(2) For Beardsley PH, the CAISO Point of Interconnection is Switch 147 at Spring Gap Junction, located at the end of the Gen-Tie portion of PG&E's Donnells-Curtis 115 kV Transmission Line; or

(3) For Tulloch PH, the CAISO Point of Interconnection is the interconnection of the 115 kV Tulloch Tap Line with PG&E's Bellota-Riverbank-Melones 115kV Transmission Line.

3.2 **Delivery Point.** The Delivery Point shall be NP15 as presently defined by CAISO tariffs (the “Delivery Point”),

3.3 **Delivery Point Contingencies.**

A. **New Zonal System.** If at any time during the Delivery Term the CAISO or a successor organization replaces the current NP-15 zone with one or more new zones for energy delivery, then the new delivery point for this Transaction shall be the newly established zone within which the CAISO Point of Interconnection lies (the “New Zonal Delivery Point”). Under such circumstance, the Price shall become the new Dow Jones Index price published for the New Zonal Delivery Point. If Dow Jones does not publish such a price but another index price for the New Zonal Delivery Point is published, such new index price shall become the Price. If no index price is published for the New Zonal Delivery Point, the Parties shall in good faith negotiate a price that equitably reflects the economic value of energy delivered at the New Zonal Delivery Point.

B. **New Nodal System.** If at any time during the Delivery Term the CAISO or a successor organization replaces the current NP-15 zone with a nodal system for energy delivery, then the new delivery point for this Transaction shall be the CAISO Point of Interconnection if the CAISO Point of Interconnection is designated as a node for energy delivery. If the CAISO Point of Interconnection is not so designated, the Parties shall in good faith negotiate a node as the new delivery point that most accurately reflects the transformation and transmission characteristics of the CAISO Point of Interconnection (in either case, the “New Nodal Delivery Point”). Under such circumstance, the Price shall become the price published by the CAISO (or another third party if one exists and the CAISO has not published such a price) for such New Nodal Delivery Point. If no such price is published, the Parties shall in good faith negotiate a price that equitably reflects the economic value of energy delivered at the New Nodal Delivery Point.

4. **Measurement of Delivered Energy.** All Energy sold and delivered by the Tri-Dam System to PG&E shall be measured in megawatt hours (“MWh”) at the CAISO revenue meter at each PH, net of any and all transformation and transmission losses between the PH and the Delivery Point as determined by the applicable Generation Meter Multipliers (“GMM’s”) or any successor method to account for transmission losses established by the CAISO (or successor organization).

Tri-Dam shall allow PG&E access to meters and Meter Data Acquisition and Processing System (as defined by the CAISO) data and will list PG&E on Schedule 3 (Access to Meter Data and Authorized Users) of its agreement with the CAISO.

5. **Scheduling and Scheduling Coordinator.** PG&E shall be Tri-Dam’s designated Scheduling Coordinator (“SC”) (as defined by CAISO tariff). PG&E will schedule and dispatch the Tri-Dam System using Prudent Utility Practices, and Tri-Dam shall employ Prudent Utility Practices and exercise reasonable efforts to operate and maintain the System in accordance with PG&E’s dispatch and schedule orders.

All generation interconnection and scheduling services shall be performed in accordance with all applicable operating policies, criteria, guidelines and tariffs of the CAISO or its successor, and any other generally accepted operational requirements. Tri-Dam, at its own expense, shall be responsible for complying with the contractual, metering and interconnection requirements as set forth in PG&E’s applicable tariffs, the CAISO tariff and implementing CAISO standards and requirements, including but not limited to executing a CAISO Interconnection, Participating Generator and Meter Service agreements and PG&E Special Facilities agreements, so as to be able to deliver the Tri-Dam System’s Product to the CAISO controlled grid. Tri-Dam

will exercise reasonable efforts to comply with conditions that might arise if the CAISO modifies or amends its scheduling protocols in the future.

Tri-Dam shall concurrently enter into separate contractual arrangements with PG&E for the provision of all Direct Assignment Transmission Facilities (“Gen-ties”) for the Project (collectively, “Gen-tie Agreements”), under which Tri-Dam shall pay customary and reasonable fees associated with all special facilities and interconnection agreements related to these Gen-ties. The Tri-Dam System Gen-ties are as follows:

- (1) The Donnell's Gen-Tie portion, from Donnell's PH to Spring Gap Junction, (FERC 2118) of PG&E's Donnell's-Curtis 115 kV Transmission Line;
- (2) PG&E's 115 kV Beardsley Tap Line (FERC 2118) connecting Beardsley PH to PG&E's Donnell's-Curtis 115 kV Transmission Line; and
- (3) PG&E's 115 kV Tulloch Tap Line connecting Tulloch PH to PG&E's Bellota-Riverbank-Melones 115 kV Transmission Line.

Notwithstanding anything to the contrary herein, each of the Parties shall be excused from performance under this Confirmation to the extent that the Gen-Ties and any other interconnection or transmission facilities are not available to transmit power from the respective PH. Both Parties agree to use all reasonable efforts to resolve as soon as possible any Gen-Tie or any other interconnection or transmission facility problem which results in such facility(ies) not being available to transmit power from the respective PH.

6. CAISO Charges. PG&E and Tri-Dam shall cooperate to minimize CAISO delivery imbalances and any resulting fees, liabilities, assessments or similar charges assessed by the CAISO (“CAISO Charges”) to the extent possible, and shall each promptly notify the other as soon as possible of any material loss of system capability (including Capacity and Ancillary Services), deviation or imbalance that is occurring or has occurred. Tri-Dam shall reimburse PG&E for any CAISO Charges incurred by PG&E as a result of Tri-Dam's loss of system capability (including Capacity and Ancillary Services), deviation or imbalance. Any such CAISO Charges reimbursable to PG&E shall be limited to the period until the commencement of the next settlement period following Tri-Dam's notification for which the delivery schedule can be adjusted.

Notwithstanding anything to the contrary herein, in the event Tri-Dam makes a change to its schedule on the actual date and time of delivery for any reason (other than an adjustment imposed by CAISO) which results in differences between the System's actual generation of Product and scheduled generation of Product (whether in part or in whole), Tri-Dam shall use reasonable efforts to notify PG&E at least one (1) hour prior to the deadline for PG&E to submit hour-ahead schedules to CAISO in its capacity as an SC. PG&E shall use its best efforts to accommodate Tri-Dam's changes and mitigate any imbalance penalties or charges levied for such changes.

Additionally, Tri-Dam shall be responsible for any “non-Performance Penalties” assessed to PG&E by the CAISO (“CAISO Penalties”) and not due to any fault of PG&E, which shall include without limitation any deviation, imbalance or uninstructed energy charges or penalties payable to the CAISO that are due to the fault of Tri-Dam. To the extent that Tri-Dam materially deviates from valid dispatch orders or does not deliver its scheduled Energy or Ancillary Services (other than an adjustment imposed by the CAISO, a deviation due to any fault of PG&E, or an excused Tri-Dam failure to deliver, whether for reasons of Force Majeure or otherwise), and such departure results in CAISO Penalties being assessed to PG&E, such CAISO Penalties shall be passed on to Tri-Dam. Any such CAISO Penalties passed on to Tri-Dam shall be limited to the period until the commencement of the next settlement period following Tri-Dam's notification (as described above) for which the delivery schedule can be adjusted.

7. **RMR.** Tri-Dam shall not apply for or request RMR status during the term of this Confirmation with respect to any of the generating assets that comprise the Tri-Dam System without the consent of PG&E, which consent shall not be withheld so long as Tri-Dam agrees to assign to PG&E any and all RMR payments Tri-Dam receives from CAISO, less a reasonable amount to cover Tri-Dam's related incremental operating and maintenance costs and to account for any limitations on Tri-Dam's water usage.

8. **Coordinated Planning and Operations.** Tri-Dam and PG&E shall cooperate to develop coordinated operations schedules and forecasts. Tri-Dam shall own, operate and maintain the Tri-Dam System in accordance with Prudent Utility Practices and all FERC, environmental and other regulatory permit and license terms and conditions. Planned Outages and Maintenance Outages (both as defined below) shall be coordinated with and subject to approval by PG&E, which approval shall not be unreasonably withheld, delayed or conditioned. A Planned Outage or Maintenance Outage shall not be scheduled during On-Peak Hours (as defined below) during the months of June, July, August or September, or, unless reasonably necessary, in December. Tri-Dam shall coordinate Planned Outages and Maintenance Outages at the Donnell's PH and Beardsley PH to coincide with outages at PG&E's Spring Gap – Stanislaus Project (FERC 2130) to the extent possible. PG&E shall schedule and dispatch the Tri-Dam System -based on PG&E's electrical load, capacity and/or ancillary services requirements consistent with the Dispatch Control Criteria set forth in Section 9, Prudent Utility Practices and all Tri-Dam System, FERC, and any other regulatory permit and/or license terms and conditions that are applicable to the Tri-Dam System.

Tri-Dam and PG&E shall share watershed hydrologic information and data, and jointly develop and concur on forecasts of runoff and operations schedules. Tri-Dam and PG&E shall regularly confer on forecasts as snowfall, precipitation and runoff information become available.

From time-to-time as reasonably determined to be necessary by the Parties, the Parties shall agree upon written operating procedures ("Operating Procedures") addressing how the Parties will coordinate operations and perform their respective obligations under this Confirmation, including, but not limited to: (1) the method of day-to-day communications for operating, scheduling and dispatching the System; (2) key personnel lists for each Party; (3) the methods and procedures of collecting and sharing hydrologic data, and jointly developing and conferring on forecasts of runoff and operations schedules; (4) procedures for Forced Outage, Maintenance Outage or Planned Outage reporting; (5) procedures for reporting daily reservoir levels, available powerhouse capacity and energy output; (6) procedures for record keeping; and (7) scheduling Maintenance Outages and Planned Outages; provided that the failure to agree on Operating Procedures will not relieve the Parties of their respective obligations under this Confirmation.

For the purposes of this Confirmation the following definitions shall apply:

"Forced Outage" means an unplanned reduction or suspension of the electrical output from the System in response to a mechanical, electrical or hydraulic control system trip or operator-initiated trip in response to an alarm or equipment malfunction.

"Maintenance Outage" means a short-term reduction or suspension of electrical output scheduled in advance to the extent practicable, as necessary for inspection, maintenance or repair of one or more equipment groups.

"Planned Outage" means a reduction or suspension of electrical output scheduled in advance and coordinated between PG&E and Tri-Dam as provided above in this Section 8. Such Planned Outage provides for, but is not limited to, removing the equipment from service availability for inspection and/or general overhaul of one or more major equipment groups.

9. **Dispatch Control Criteria.** The following Tri-Dam System assets shall be dispatched and controlled in accordance with the following:

(A) Tulloch: As produced, based on water operation requirements. Tri-Dam shall have the final decision on Tulloch PH dispatch.

(B) Beardsley: Tri-Dam and PG&E shall exchange System hydrology information and jointly concur on Tri-Dam System operations, including Sand Bar Project. However, if there is no agreement, Tri-Dam shall have the final decision on the monthly PH release quantities, and PG&E shall have the final decision on daily and hourly Beardsley PH dispatch, in accordance with such monthly PH quantities. Tri-Dam shall, to the extent feasible: 1) avoid spills beyond Sand Bar Diversion outside of spring spill conditions and recreation and supplemental flow periods consistent with Tri-Dam's FERC Project 2005 and PG&E's FERC Project 2130 new license conditions; and 2) unless agreed to otherwise, release for use through Stanislaus PH the monthly and annual CWA amounts specified in Appendix A.

(C) Donnells:

(1) During Controlled Period (as set forth in Appendix A): Tri-Dam and PG&E shall exchange System hydrology information and jointly agree on Tri-Dam System operations, including Sand Bar Project. However, if there is no agreement, PG&E shall have the final decision on monthly, daily, and hourly Donnells PH dispatch for both Energy and Ancillary Services production, subject to the minimum Donnells PH flows set forth in Appendix A; provided that, in the event the United States Bureau of Reclamation's ("USBR") forecast, as referenced in the 1988 agreements between Tri-Dam and the USBR (typically published on or about April 1 of each year), for inflow to the New Melones Reservoir between October 1 and September 30 is less than 600,000 acre feet, then PG&E and Tri-Dam shall consider in good faith, and to the extent possible, mitigate impacts on water supply to the constituent members of Tri-Dam.

(2) During Uncontrolled Period (as set forth in Appendix A): Tri-Dam and PG&E shall exchange System hydrology information and jointly agree on Tri-Dam System operations, including Tri-Dam's Sand Bar Project. However, if there is no agreement, Tri-Dam shall have the final decision on the monthly Donnells PH release quantities, and PG&E shall have the final decision on daily and hourly Donnells PH dispatch for both Energy and Ancillary Services production within the month.

10. **Contract Price and Payment Structure.**

10.1 **Price Index.** The price paid for delivered Energy shall be based on the Daily Firm Dow Jones Index Prices for NP15 as reported by Dow Jones and as set forth below ("Price"). However, should the Daily Firm Dow Jones Index Prices for NP15, as set forth below, no longer be published and made available, or are no longer representative of NP15 prices, the Parties will cooperatively work together to identify and agree upon a mutually acceptable substitute that most closely resembles the Daily Firm Dow Jones Index for NP15 ("Price Substitute").

10.2 **Definitions.** The following definitions shall apply to this Transaction:

(a) "On-Peak Hours" shall mean Monday through Saturday, hours ending 0700 – 2200 PPT (6:00 am to 10:00 pm), excluding NERC Holidays.

- (b) "On-Peak Energy" shall mean Energy delivered during On-Peak Hours.
- (c) "Daily Firm On-Peak Price" shall mean the Dow Jones Firm Electricity Price Index at NP 15 for On-Peak Energy.
- (d) "Off-Peak Hours" shall mean Monday through Saturday, hours ending 0100 – 0600 PPT (12:00 midnight to 6:00 am), plus hours ending 2300 – 2400 PPT (10:00 pm to 12:00 midnight), excluding NERC Holidays.
- (e) "Off-Peak Energy" shall mean Energy delivered during Off-Peak Hours.
- (f) "Daily Firm Off-Peak Price" shall mean the Dow Jones Firm Electricity Price Index at NP 15 for Off-Peak Energy.
- (g) "24-hour Hours" shall mean Sundays and NERC Holidays, hours ending 0100 – 2400 PPT (12:00 midnight to 12:00 midnight).
- (h) "24-hour Energy" shall mean Energy delivered during 24-hour Hours.
- (i) "Daily 24-hour Firm Price" shall mean the Dow Jones Firm Electricity Price Index at NP 15 for 24-hour Energy.
- (j) "NERC Holidays" shall mean: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day. Three of these days, Memorial Day, Labor Day, and Thanksgiving Day occur on the same day each year. Memorial Day is the last Monday in May; Labor Day is the first Monday in September; and Thanksgiving Day is the fourth Thursday in November. New Year's Day, Independence Day, and Christmas Day, by definition, are predetermined dates each year. However, in the event they occur on a Sunday, the "NERC Holiday" is celebrated on the Monday immediately following that Sunday. However, if any of these days occur on a Saturday, the "NERC Holiday" remains on that Saturday.
- (k) "Transmission Loss Factor" shall mean those loss factors (commonly referred to as GMM's) included in CAISO settlements for each individual PH, or any successor mechanism to account for transmission losses as may be determined by the CAISO or any successor organization.
- (l) "Transformation Loss Factor" shall mean those loss factors included in CAISO settlements for each individual PH, or any successor mechanism to account for transformation losses as may be determined by the CAISO or any successor organization. To the extent that Tri-Dam meters located at the respective PH are located on the high side of the transformer or are adjusted to the high side of the transformer, the Transformer Loss Factor shall be deemed to be 1.0.

10.3 Payment Formulae. Tri-Dam shall invoice PG&E for delivered Energy, in accordance with Article 6 of the Master Agreement, for the aggregate sum of the monthly payments due the Donnell PH, the Beardsley PH and the Tulloch PH ("Total Monthly Payment"). PG&E shall invoice Tri-Dam for any ISO charges to the extent applicable under this Confirmation. Each Party shall have the right to audit invoices of the other during the Delivery Term, and, upon delivery of an audit request, shall be provided reasonable access to the other parties' books and records for the purposes of conducting such audit. The sum of the monthly payments due from each PH shall be determined for each PH separately as set forth below ("Monthly PH Payment Amount"):

(a) **Tulloch.** The Tulloch Monthly PH Payment Amount shall be the sum of (i), (ii) and (iii), where:

(i) equals:

\sum (The amount of On-Peak Energy delivered during an hour * The Transformation Loss Factor for such hour * The Transmission Loss Factor for such hour) * (Daily Firm On-Peak Price - \$3.00)

The summation is for all periods of time in the month during which On-Peak Energy is delivered.

(ii) equals:

\sum (The amount of Off-Peak Energy delivered during an hour * The Transformation Loss Factor for such hour * The Transmission Loss Factor for such hour) * (Daily Firm Off-Peak Price - \$3.00.)

The summation is for all periods of time in the month during which Off-Peak Energy is delivered.

(iii) equals:

\sum (The amount of 24-hour Energy delivered during an hour * The Transformation Loss Factor for such hour * The Transmission Loss Factor for such hour) * (24-hour Firm Price - \$3.00)

The summation is for all periods of time in the month during which 24-hour Energy is delivered.

(b) **Beardsley.** The Beardsley Monthly PH Payment Amount shall be the sum of (i), (ii) and (iii), where:

(i) equals:

\sum (The amount of On-Peak Energy delivered during an hour * The Transformation Loss Factor for such hour * The Transmission Loss Factor for such hour) * (Daily Firm On-Peak Price - \$3.00)

The summation is for all periods of time in the month during which On-Peak energy is delivered.

(ii) equals:

\sum (The amount of Off-Peak Energy delivered in an hour * The Transformation Loss Factor for such hour * The Transmission Loss Factor for such hour) * (Daily Firm Off-Peak Price - \$3.00)

The summation is for all periods of time in the month during which Off-Peak Energy is delivered.

(iii) equals:

\sum (The amount of 24-hour Firm Energy delivered in an hour * The Transformation Loss Factor for such hour * The Transmission Loss Factor for such hour) * (24-hour Firm Price - \$3.00)

The summation is for all periods of time in the month during which 24-hour Energy is delivered.

(c) **Donnells.** The Donnells Monthly PH Payment Amount shall be the sum of (A) (i) and B (i), (ii) and (iii), and subject to (C), below, where:

(A) During the Controlled Period (as defined in Appendix A):

(i) equals:

$[(\sum$ (The amount of On-Peak Energy delivered during an hour * The Transformation Loss Factor for such hour * The Transmission Loss Factor for such hour), plus \sum (The amount of Off-Peak Energy delivered in an hour * The Transformation Loss Factor for such hour * The Transmission Loss Factor for such hour), plus \sum (The amount of 24-hour Energy delivered in an hour * The Transformation Loss Factor for such hour * The Transmission Loss Factor for such hour)) * (the average of all Daily Firm On-Peak Prices for the month in which the Energy was delivered, + \$8.00)] - Capacity Unavailability Payment Adjustment - Ancillary Services Payment Adjustment

The first summation is for all periods of time in the month during which On-Peak Energy is delivered. The second summation is for all periods of time in the month during which Off-Peak Energy is delivered. The third summation is for all periods of time in the month during which 24-hour Energy is delivered.

(B) During the Uncontrolled Period (as defined in Appendix A):

(i) equals:

$[\sum$ (The amount of On-Peak Energy delivered in an hour * The Transformation Loss Factor for such hour * The Transmission Loss Factor for such hour) * (average of all Daily Firm On-Peak Prices for the month in which the On-Peak Energy was delivered, + \$3.00)] - Ancillary Services Payment Adjustment .

The summation is for all periods of time in the month during which On-Peak Energy is delivered.

(ii) equals:

$$[\sum(\text{The amount of Off-Peak Energy delivered in an hour} * \text{The Transformation Loss Factor for such hour} * \text{The Transmission Loss Factor for such hour}) * (\text{the average of all Daily Firm Off-Peak Prices for the month in which the Off-Peak Energy was delivered,} + \$3.00)] - \text{Ancillary Services Payment Adjustment}$$

The summation is for all periods of time in the month during which Off-Peak Energy is delivered.

(iii) equals:

$$[\sum(\text{The amount of 24-hour Firm Energy delivered in an hour} * \text{The Transformation Loss Factor for such hour} * \text{The Transmission Loss Factor for such hour}) * (\text{the average of all the 24-hour Firm Prices for the month in which the 24-hour Firm Energy was delivered} + \$3.00)] - \text{Ancillary Services Payment Adjustment.}$$

The summation is for all periods of time in the month during which 24-hour Energy is delivered.

In the event that the Donnells PH within a month shifts from Controlled Period to Uncontrolled Period, then (i) the portion of the month that is within the Controlled Period will be based on the Energy delivered during such Controlled Period and the Section 10.3(c)(A) Payment Formula shall apply; and (ii) the portion of the month that is within the Uncontrolled-Period will be based on the Energy delivered during such Uncontrolled Period and the Section 10.3(c)(B) Payment Formulae shall apply.

(C) Unavailability Payment Adjustment Factors: The Capacity Unavailability Payment Adjustment and Ancillary Services Unavailability Payment Adjustment (collectively "Unavailability Payment Adjustments") are applicable when Donnells PH Capacity or Ancillary Services are not fully available during: (1) a Controlled Period in the case of the Capacity Unavailability Payment Adjustment or (2) all periods in the case of the Ancillary Services Unavailability Payment, in each case for reasons other than Tri-Dam's excuses from performance under this Confirmation or the Master Agreement.

The Unavailability Payment Adjustment Factors are subject to the following limitations (in all cases subject to pro rata adjustment in the event the Delivery Term ends before December 31 of any year):

(i) the Capacity Unavailability Payment Adjustment shall not exceed \$300,000 in any calendar year;

(ii) the Ancillary Services Unavailability Payment Adjustment shall not exceed \$100,000 in any calendar year; and

(iii) the total of the Capacity Unavailability Payment Adjustment and Ancillary Services Unavailability Payment Adjustment shall not exceed \$350,000 in any calendar year.

Additionally, a Donnells Monthly PH Payment Amount shall not be negative for any month due to Unavailability Payment Adjustments, and any excess Unavailability Payment Adjustments not collected in a month will be carried over and applied to the subsequent month's Donnells Monthly PH Payment Amount.

The Capacity Unavailability Payment Adjustment and Ancillary Services Unavailability Payment Adjustment are in addition to any CAISO Charges that may be owed pursuant to Section 6, and are the sole remedy available to PG&E for Tri-Dam's failure to deliver Product under this Transaction. Notwithstanding the foregoing, the Capacity Unavailability Payment Adjustment and Ancillary Services Unavailability Payment Adjustment shall not be interpreted as replacing or affecting in any way any Termination Payment calculated pursuant to this Agreement.

(i) Monthly Capacity Unavailability Payment Adjustment:

The Monthly Capacity Unavailability Payment Adjustment = $[\sum \text{Hourly Capacity Availability Target (in MWh)} - \sum \text{Hourly Declared Capacity Availability (in MWh)}] * [\text{for the month in which the Energy was delivered, the average of all Daily Firm On-Peak Prices} - (\text{the average of all Daily Firm Off-Peak Prices and 24-hour Firm Prices}) \text{ (all in \$/MWh)}]$.

Where: 1. Hourly Capacity Availability Target is, for each On-Peak Hour in a month during the Controlled Period, the lesser of: (1) 72 MW; or (2) the maximum Capacity available after, taking into account the reservoir storage level at the Donnells PH, as set forth in Appendix B.

2. The Hourly Declared Capacity Availability is, for each On-Peak Hour in a month during the Controlled Period, the lesser of: (1) the maximum Capacity at which Tri-Dam determines Donnells PH is mechanically and electrically capable of generating Energy; or (2) the actual available Capacity at the time of delivery.

Any known limitations on capacity must be declared orally and in writing (by fax or electronic mail) to Tiger Creek as soon as Tri-Dam becomes aware of the limitation, or as soon as Tri-Dam anticipates imposing a planned limitation, e.g., auto testing clearance.

Tri-Dam shall be entitled to an aggregate annual Planned Outage allowance of 176 On-Peak Hours for Planned Outages ("Planned Outage Allowance") plus an additional annual outage allowance of 96 On-Peak Hours for any outages, including Forced Outages, Scheduled Outages, or Planned Outages ("Additional Outage Allowance"). All outages that qualify as a Planned Outage Allowance or an Additional Outage Allowance shall reduce the Hourly Capacity Availability Target in the Monthly Capacity Unavailability Adjustment.

Notwithstanding the foregoing, for the period of time between October 1, 2005 and December 31, 2005 during the Delivery Term the Planned Outage Allowance shall be 176 hours, less the number of Planned Outage Allowance hours used during the Confirmation Agreement for the period of time between January 1, 2005 and September 30, 2005 ("Confirmation A"). In addition, for the same period of time the Additional Outage Allowance shall be 96 hours, less the number of Additional Outage Allowance hours used during Confirmation A.

(ii) Monthly Ancillary Services Unavailability Payment Adjustment: The Ancillary Services Unavailability Payment Adjustment formula specified below shall be applied to any hours that the Donnells PH is restricted from Ancillary Services operations, and only during those times

when the Capacity Unavailability Payment Adjustment is not being applied (the “Ancillary Services Unavailability Payment Adjustment”); that is, both the Ancillary Services Unavailability Payment Adjustment and the Capacity Unavailability Payment Adjustment cannot be applied simultaneously to the same Capacity in any hour.

Monthly Ancillary Services Unavailability Payment Adjustment = Σ [(Hourly Ancillary Services Unavailability (in MWh) * 0.25 * (Hourly CAISO Reg Up Price + Hourly CAISO Reg Down Price)].

The summation is for all periods of time in the month during which On-Peak Energy, Off-Peak Energy or 24-hour Energy is delivered.

Where: Hourly CAISO Reg Up and CAISO Reg Down Prices = the ISO's hourly regulation up and hourly regulation down prices as reported by the CAISO in the Open Access Same-Time Information System (“OASIS”) for each hour of the month in which the Ancillary Services Unavailability Payment Adjustment applies.

If PG&E schedules Reg Down (as defined by the CAISO), and the CAISO utilizes it, and it causes additional spill at Donnell's during the time Reg Down is being utilized, then PG&E will keep Tri-Dam whole by paying Tri-Dam for the lost generation at the rate PG&E would have paid absent the Reg Down effect. If there is no resulting spill as a direct result of the Reg Down effect, there will be no adjustments.

For illustrative purposes only, a sample calculation of the Monthly Capacity Unavailability Payment Adjustment and the Monthly Ancillary Services Unavailability Payment Adjustment is attached as Appendix C.

11. Environmental Attributes. For the Delivery Term, Tri-Dam grants to PG&E the Environmental Attributes related to the Product being delivered, as such term is described below.

“Environmental Attributes” means any and all credits, benefits, emissions reductions, offsets, and allowances, howsoever entitled, attributable to the generation from the Unit(s), and its displacement of conventional energy generation. Environmental Attributes include but are not limited to: (1) any avoided emissions of pollutants to the air, soil or water such as sulfur oxides (SO_x), nitrogen oxides (NO_x), carbon monoxide (CO) and other pollutants; (2) any avoided emissions of carbon dioxide (CO₂), methane (CH₄) and other greenhouse gases (GHGs) that have been determined by the United Nations Intergovernmental Panel on Climate Change to contribute to the actual or potential threat of altering the Earth's climate by trapping heat in the atmosphere; and (3) the reporting rights to these avoided emissions such as Green Tag Reporting Rights. Green Tag Reporting Rights are the right of a Green Tag Purchaser to report the ownership of accumulated Green Tags in compliance with federal or state law, if applicable, and to a federal or state agency or any other party at the Green Tag Purchaser's discretion, and include without limitation those Green Tag Reporting Rights accruing under Section 1605(b) of The Energy Policy Act of 1992 and any present or future federal, state, or local law, regulation or bill, and international or foreign emissions trading program. Green Tags are accumulated on kWh basis and one Green Tag represents the Environmental Attributes associated with one (1) MWh of energy. Environmental Attributes do not include (i) any energy, capacity, reliability or other power attributes from the Unit(s), (ii) production tax credits associated with the construction or operation of the energy projects and other financial incentives in the form of credits, reductions, or allowances associated with the project that are applicable to a state or federal income taxation obligation, (iii) fuel-related subsidies or “tipping fees” that may be paid to Tri-Dam to accept certain fuels, or local subsidies received by the generator for the destruction of particular pre-

existing pollutants or the promotion of local environmental benefits, or (iv) emission reduction credits encumbered or used by the Unit(s) for compliance with local, state, or federal operating and/or air quality permits. If Tri-Dam's Unit(s) is a biomass or landfill gas facility and Tri-Dam receives any tradable Environmental Attributes based on the greenhouse gas reduction benefits or other emission offsets attributed to its fuel usage, it shall provide PG&E with sufficient Environmental Attributes to ensure that there are zero net emissions associated with the production of electricity from such facility."

Tri-Dam agrees that it shall use reasonable efforts to obtain and maintain for the Delivery Term a California Energy Commission ("CEC") certification of those Tri-Dam facilities eligible as renewable energy resources for California's Renewable Portfolio Standard ("RPS") program, in accordance with the CEC's Renewables Portfolio Standard Eligibility Guidebook (publication no. 500-04-002F1) and as may be subsequently amended, for the Delivery Term.

12. Resource Adequacy. For the Delivery Term, Tri-Dam grants to PG&E the full capacity of the Tri-Dam System to meet its resource adequacy requirements ("Resource Adequacy Capacity"), as this term is used in CPUC Decision D.04-01-050. The Parties shall take all reasonable actions, including amending this Confirmation (provided such amendments do not adversely affect Tri-Dam), to enable PG&E to use the capacity to meet PG&E's resource adequacy requirements as ultimately determined by the CPUC in R.04-04-003.

13. Related Agreements; Conflicts. The Parties acknowledge that this Confirmation is being executed and delivered in conjunction with certain related agreements, including the Master Agreement, as amended, the Coordinated Operations Agreement, and the Gen-tie Agreements, all in form and substance satisfactory to both Parties (collectively, the "Related Agreements"). The Parties agree that, with the exception of the Gen-Tie Agreements, should the terms of this Confirmation at any time be in conflict with the terms of a Related Agreement, then the terms and conditions of this Confirmation shall control and take precedence over the terms set forth in such Related Agreement.

14. Sand Bar Settlement Extension. The Parties agree to extend the terms of the Sand Bar Settlement Agreement, dated April, 25, 1995, until such time as the Coordinated Operations Agreement is executed and delivered.

15. Good Faith; Further Assurances. Each of the Parties hereby covenants that it shall perform its actions, obligations and duties in connection with this Confirmation and the Related Agreements in good faith. The Parties agree to take such further actions and execute such further instruments as may be necessary to carry out the intentions of this Confirmation and the Related Agreements.

16. Regulatory Conditions. Within 120 days of the FERC's issuance of new licenses covering the Tri-Dam System, the following condition must be met to the mutual satisfaction of the Parties, or the Confirmation terminates automatically:

The FERC has issued new licenses covering the Tri-Dam System, which allow for full performance of the Transaction contemplated by this Confirmation, and such licenses are no longer subject to appeal. If the terms and conditions of the new FERC licenses significantly impact the operations of the System (as currently proposed by Tri-Dam's submittals to FERC, and included in this Confirmation) such that the value of the Products are materially changed, the Parties may reconsider and seek revision of the terms and conditions of the Confirmation.

17. CPUC Approval. Within thirty (30) days of the execution and delivery of this Confirmation, PG&E shall apply for, and use best efforts to obtain, the CPUC approval of the terms of this Confirmation, without any conditions or modifications.

18. Early Termination. Either Party may terminate this Confirmation for its convenience as follows: (i) a Party may terminate this Confirmation effective December 31, 2007, by providing written notice to the other Party on or before June 30, 2007 and payment of the sum of \$1.5 million upon termination; or (ii) a Party may terminate this Confirmation effective December 31, 2008, by providing written notice to the other Party on or before June 30, 2008 and payment of the sum of \$1 million upon termination.

Execution Copy

17. **CPUC Approval.** Within thirty (30) days of the execution and delivery of this Confirmation, PG&E shall apply for, and use best efforts to obtain, the CPUC approval of the terms of this Confirmation, without any conditions or modifications.

18. **Early Termination.** Either Party may terminate this Confirmation for its convenience as follows: (i) a Party may terminate this Confirmation effective December 31, 2007, by providing written notice to the other Party on or before June 30, 2007 and payment of the sum of \$1.5 million upon termination; or (ii) a Party may terminate this Confirmation effective December 31, 2008, by providing written notice to the other Party on or before June 30, 2008 and payment of the sum of \$1 million upon termination.

IN WITNESS WHEREOF, each of the Parties has caused this Confirmation to be duly executed by its authorized representative as of the date first written above.

Tri-Dam: Oakdale Irrigation District

By: Frank B. Clark

Name: Frank B. Clark

Title: President

PG&E: Pacific Gas and Electric Company

By: _____

Name: _____

Title: _____

Tri-Dam: South San Joaquin Irrigation District

By: Robert Schulz

Name: Robert Schulz

Title: President

IN WITNESS WHEREOF, each of the Parties has caused this Confirmation to be duly executed by its authorized representative as of the date first written above.

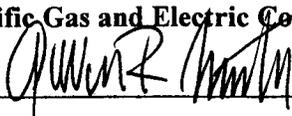
Tri-Dam: Oakdale Irrigation District

By: _____

Name: _____

Title: _____

PG&E: Pacific Gas and Electric Company

By: 

Name: Gordon R. Smith

Title: President and CEO

Tri-Dam: South San Joaquin Irrigation District

By: _____

Name: _____

Title: _____

Appendix A

Part I. Donnells Controlled and Uncontrolled Periods Definitions

Chart A-I-1

Hydro Condition	Controlled Period	Uncontrolled Period
Critical Dry	Entire Year	Not applicable
Dry	Entire Year	Not applicable
Normal	July 1 to end of February or to filling of Donnells Reservoir (which ever occurs first)	Beginning the day after the end of the Controlled Period and lasting until June 30
Wet	August 1 to end of February or to filling of Donnells reservoir (which ever occurs first)	Beginning the day after the end of the Controlled Period and lasting until July 31

Part II. Hydro Condition Type

- A. The determination of hydro condition type year will be based on the California Department of Water Resource's (DWR) forecast for annual unimpaired inflow into New Melones Reservoir (as set forth in DWR's Bulletin 120 entitled Water Conditions in California).

Chart A-II-1

Hydro Condition	DWR Forecast Annual Unimpaired Inflow into New Melones Reservoir (acre-feet)
Critical Dry	Less than or equal to 350,000
Dry	Greater than 350,000 and less than or equal to 676,000
Normal	Greater than 676,000 and less than 1,585,000
Wet	Greater than or equal to 1,585,000

- B. Clarifications:
1. The Parties agree that January and February 2005 shall be designated as Normal, and will also be considered Control Period unless events cause a shift to Uncontrolled Period, as set forth above, prior to the end of either month. .
 2. Starting March 1, 2005 and for use thereafter:
 - (i) The "February 1 Forecast" will be used to determine the March Hydro Condition Type;
 - (ii) The "March 1 Forecast" will be used to determine the April Hydro Condition- Type;
 - (iii) The "April 1 Forecast" will be used to determine the May Hydro Condition- Type; and

(iv) The May forecast will be used to determine the Hydro Condition Type for the period of time from June through the end of February of the following year.

Part III. Minimum Amounts of Water Through Donnells PH

Each year the Control Water Amount (“CWA”) will be calculated based on the water year type. The CWA is used to calculate the minimum amounts of water to be released through Donnells PH in various months and to calculate the minimum annual amount of water to be released through Donnells PH. The minimum amounts of water released through Donnells PH will be reduced for outages in accordance with this Appendix A.

**Control Water Amount Calculation
Chart A-III-1**

	Critical Dry	Dry	Normal	Wet
Control Water Amount, Ac-Ft * (“CWA”)	Donnells end of May Storage + Relief end of May Storage minus 21000 minus fish water releases + forecasted natural inflow to Donnells for June through December	Donnells end of May Storage + Relief end of May Storage minus 21000 minus fish water releases + forecasted natural inflow to Donnells for June through December	Donnells end of June Storage + Relief end of June Storage minus 21000 minus fish water releases + forecasted natural inflow to Donnells for July through December	Donnells end of July Storage + Relief end of July Storage minus 21000 minus fish water releases + forecasted natural inflow to Donnells for August through December

Calculation of Minimum Amounts of Water Through Donnells PH

Chart A-III-2

Time Period	Amount	Amount	Amount	Amount
January	None	None	None	None
February	None	None	None	None
March	None	None	Not Applicab.	Not Applicab.
April	None	None	Not Applicab.	Not Applicab.
May	None	None	Not Applicab.	Not Applicab.
June	10% of CWA	10% of CWA	Not Applicab.	Not Applicab.
July	15% of CWA	15% of CWA	15% of CWA	Not Applicab.
August	15% of CWA	15% of CWA	20% of CWA	20% of CWA
September	5% of CWA	5% of CWA	10% of CWA	20% of CWA
October	5% of CWA	5% of CWA	5% of CWA	5% of CWA
November	5% of CWA	5% of CWA	5% of CWA	10% of CWA
December	5% of CWA	5% of CWA	5% of CWA	10% of CWA
Annual	90% of CWA from 6/1 to 12/31	90% of CWA from 6/1 to 12/31	85% of CWA from 7/1 to 12/31	80% of CWA from 8/1 to 12/31

* The CWA may be reduced for Planned Supplemental water release at Beardsley to meet FERC license requirements.

Meeting the required minimum amounts of water to be released through Donnell's PH (as set forth above) assumes there are no limitations on Donnell's PH or transmission capabilities. If any limitations exist, the required minimum amounts of water to be released through Donnell's PH will be proportionately reduced.

Forecasted natural flow is to be agreed upon assuming average precipitation for the remainder of the year and reduced for possible early summer spills. If there is no agreement, then: the Critical Dry year amount will be 20,000 acre-feet; the Dry year amount will be 68,000 acre-feet; the Normal average year amount will be 60,000 acre-feet; and the Wet year amount will be 75,000 acre-feet.

Fish water releases will be based on actual FERC requirements; for informational purposes only, the estimated fish water releases, in acre-feet, from the start of the control period to the end of the year are:

Chart A-III-3

Hydro Condition	Current License	SPLAT Proposal
Critical Dry (Starting June 1st)	2122	10612
Dry (Starting June 1st)	2122	13874
Normal (Starting July 1st)	3045	15213
Wet (Starting August 1st)	2430	14271

Reduction in the Required Minimum Amounts of Water to be Released Through Donnell's PH

The required minimum amounts of water to be released through Donnell's PH for a given time period (either monthly or annually) will be proportionally reduced for unavailability of Donnell's PH during On-Peak Hours as follows:

Reduced Monthly Minimum Amount of Water Released (in acre feet) = Original Required Minimum Amount of Water to be Released for the Month (in acre feet) x (∑ of the Hourly Declared Capacity Availability in MWh for the month / ∑ of the Hourly Capacity Availability Target in MWh for the month).

Reduced Annual Minimum Amount of Water Released (in acre feet) = Original Required Minimum Amount of Water to be Released for the Year (in acre feet) x (∑ of the Reduced Monthly Minimum Amount of Water Released (in acre feet) summed over the year / ∑ of the Original Required Minimum Amount of Water to be Released for the Month (in acre feet) summed over the year).

Where:

(i) The Original Required Minimum Amount of Water to be Released for the Month is the CWA times the percentage for the month in this Appendix A for the appropriate water year type (critical dry, dry, normal or wet type); and

(ii) The Original Required Minimum Amount of Water to be Released for the Year is the CWA times the annual percentage value corresponding to the appropriate water year type (critical dry, dry, normal or wet type) as specified in this Appendix A.

For example:

Assume it is a Normal water year, and the CWA is 116,000 acre feet; and

Assume that an outage occurs in July 2005, and only in July of 2005, so that the Donnell's PH Hourly Declared Capacity Availability is 17280 MWh in July; then

The "Summation of the Hourly Capacity Available Target in MWh for the month" for July 2005 in which there are 400 On-Peak Hours (and assuming Donnell's Reservoir had sufficient amounts of water in storage for 72 MWh of Hourly Capacity Available Target), is 72 MWh calculated over 400 hours, or 28800 MWh.

The Original Required Minimum Amount of Water to be Released (in acre feet) for July through December, using the factors from Chart A-III-2 above is as follows:

Month		Original Required Minimum Amount of Water to be Released for the Month (in acre feet)
July	15% of CWA	17400
August	20% of CWA	23200
September	10% of CWA	11600
October	5% of CWA	5800
November	5% of CWA	5800
December	5% of CWA	5800
Summation of the Original Required Minimum Amount of Water to be Released for the Month summed over the year		69600
Original Required Minimum Amount of Water to be Released for the Year	85% of CWA	116000

The Reduced Monthly Minimum Amount of Water Released (in acre feet) in July becomes 10440 acre feet (17400 acre feet * (17280 MWh/28800 MWh)).

The summation of the Reduced Monthly Minimum Amounts of Water Release in acre feet is 62640 acre feet (10440+23200+11600+5800+5800+5800).

The summation of the Original Required Minimum Amount of Water to be Released for the Month in acre feet is 69600.

Hence the Reduced Annual Minimum Amount of Water Released (in acre feet) is 88740 acre feet, (98600 * (62640/69600)).

Appendix B

**Donnells' Maximum Capacity Based on Reservoir Storage
Chart B-1**

Donnells Powerhouse Maximum Capacity (MW)	Water Surface Elevation (ft)	Donnells Reservoir Storage (acre-feet)
72	4916.0 to 4800.0	65,325 to 22,077
67.5	4800.0 to 4760.0	22,077 to 10,781
65.0	4760.0 to 4740.0	10,781 to 5,830
60.0	4740.0 to 4720.0	5,830 to 2,146

Appendix C

Day	Hour	Type of Hour	NP15 Price		MW Available	MW Available for Dispatch	MW Available for A.S.	Capacity	GMM	Transformatic Actual Production MWH	Reg Up Price \$/mwh	Reg Down Price \$/mwh	Payment for power	Capacity Available On Peak	Hours Unavailable	Cumulative Hours Unavailable	Preliminary Unavailability Payment Adjustment	Cumulative Unavailability Payment Adjustment	A.S. Outage MW	Preliminary A.S. Outage Charge	Cumulative A.S. Payment Reduction
			#24hour	#24hour																	
1	1	2	55	55	72	72	72	0	0.65	0.98	12.2845646	12.253757	5.90470	0	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
1	2	2	55	55	72	72	72	0	0.6281211	0.98951744	12.884737	12.253983	5.65717	0	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
1	3	2	55	55	72	72	72	0	0.95447835	0.98987978	12.9365186	12.5331723	5.93181	0	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
1	4	2	55	55	72	72	72	0	0.95472512	0.98989577	12.9296161	12.3784044	5.93209	0	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
1	5	2	55	55	72	72	72	0	0.93428706	0.98986638	13.0929359	12.6909281	5.80897	0	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
1	6	2	55	55	72	72	72	0	0.9652187	0.98959402	12.5234173	12.7452179	6.20985	0	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
1	7	1	80	80	72	72	72	0	0.81148111	0.98952404	18.4813232	18.2925494	6.09750	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
1	8	1	80	80	72	72	72	0	0.97690928	0.98978021	17.8397987	18.3036517	6.09811	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
1	9	1	80	80	72	72	72	0	0.84659868	0.98943334	18.2548657	17.7518939	6.11934	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
1	10	1	80	80	72	72	72	0	0.98957106	0.98978981	18.137522	18.3981846	6.13124	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
1	11	1	80	80	72	72	72	0	0.94457023	0.98953766	17.657711	18.2510113	6.11871	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
1	12	1	80	80	72	72	72	0	0.92381566	0.98969637	17.6734398	17.6715228	5.74019	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
1	13	1	80	80	72	72	72	0	0.95496631	0.98971379	18.3164044	18.4847618	5.93404	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
1	14	1	80	80	72	72	72	0	0.90912303	0.9895917	18.4892655	18.5629884	5.84209	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
1	15	1	80	80	72	72	72	0	0.88188145	0.9896309	18.0932157	18.48939	5.84058	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
1	16	1	80	80	72	72	72	0	0.94639731	0.98977706	18.5541417	18.0156808	5.88092	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
1	17	1	80	80	72	72	72	0	0.87420028	0.98962328	18.1227671	18.4498229	6.05404	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
1	18	1	80	80	72	72	72	0	0.99180073	0.98969177	17.7186537	18.285433	6.16352	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
1	19	1	80	80	72	72	72	0	0.94217475	0.98985766	18.5879918	18.1034198	5.85522	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
1	20	1	80	80	72	72	72	0	0.8911989	0.98954803	18.3849507	18.2818267	5.88411	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
1	21	1	80	80	72	72	72	0	0.91552356	0.98988901	18.0192963	17.7408198	5.89502	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
1	22	1	80	80	72	72	72	0	0.81150313	0.98946688	18.5102962	18.0774501	5.86492	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
1	23	2	55	55	72	72	72	0	0.94921984	0.98954003	12.8404412	12.8584808	5.89711	0	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
2	1	2	55	55	72	72	72	0	0.85411022	0.98970641	12.5089492	12.8691587	5.92850	0	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
2	2	2	57.54	57.54	72	72	72	0	0.9394767	0.98987001	12.5001432	11.8958778	5.83853	0	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
2	3	2	57.54	57.54	72	72	72	0	0.87420028	0.98959275	12.3164987	12.5700263	6.05922	0	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
2	4	2	57.54	57.54	72	72	72	0	0.93732317	0.98959275	12.4694442	12.307943	5.82351	0	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
2	5	2	57.54	57.54	72	72	72	0	0.84281818	0.98987137	12.2778022	12.2982765	5.85840	0	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
2	6	2	57.54	57.54	72	72	72	0	0.9843279	0.98977628	12.484397	12.0772817	6.14218	0	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
2	7	1	80	80	72	72	72	0	0.9293825	0.98972458	12.1102801	12.8172332	5.77495	0	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
2	8	1	80	80	72	72	72	0	0.93175177	0.98974538	17.6591702	18.0909821	5.78970	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
2	9	1	80	80	72	72	72	0	0.9152687	0.98976738	18.2267136	18.189482	5.88780	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
2	10	1	80	80	72	72	72	0	0.96522144	0.98990279	18.4416221	17.971932	6.18517	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
2	11	1	80	80	72	72	72	0	0.95731198	0.98963875	17.8597801	17.775271	5.94786	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
2	12	1	80	80	72	72	72	0	0.97198511	0.98956994	17.7854131	18.4944584	5.70326	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
2	13	1	80	80	72	72	72	0	0.97198511	0.98956128	17.6242763	17.6506446	6.03743	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
2	14	1	80	80	72	72	72	0	0.97209145	0.98990198	17.7373634	18.3697804	6.07317	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
2	15	1	80	80	72	72	72	0	0.83741512	0.98984646	18.3150393	17.6390821	5.82616	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
2	16	1	80	80	72	72	72	0	0.9078957	0.98959627	17.843328	17.819001	5.64070	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
2	17	1	80	80	72	72	72	0	0.91530542	0.98994078	18.3522988	18.5252542	5.68872	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
2	18	1	80	80	72	72	72	0	0.93868127	0.98988858	18.0383228	17.87138	5.83240	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
2	19	1	80	80	72	72	72	0	0.94419897	0.98981112	18.2944478	18.0111898	5.86634	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
2	20	1	80	80	72	72	72	0	0.98789439	0.98975936	17.8818799	18.5145002	6.20088	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
2	21	1	80	80	72	72	72	0	0.98791807	0.98989806	18.3713462	18.428354	6.14026	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
2	22	1	80	80	72	72	72	0	0.9709872	0.98966155	18.2625772	18.5149847	6.03308	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
2	23	1	80	80	72	72	72	0	0.9494952	0.98953352	17.8082487	18.1723327	5.89872	72	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
2	24	2	57.54	57.54	72	72	72	0	0.92833244	0.98984986	12.798083	12.0234461	5.78786	0	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
3	1	3	53.42	53.42	72	72	72	0	0.95707171	0.98958841	12.0037828	12.4128078	5.96181	0	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
3	2	3	53.42	53.42	72	72	72	0	0.98784069	0.98978105	12.8470289	12.107989	6.13842	0	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
3	3	3	53.42	53.42	72	72	72	0	0.90958461	0.98987805	12.835188	12.500596	5.65155	0	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
3	4	3	53.42	53.42	72	72	72	0	0.94890908	0.98987858	12.920059	12.3194845	5.89778	0	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
3	5	3	53.42	53.42	72	72	72	0	0.98581077	0.98964377	12.3198146	13.0469004	6.18658	0	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
3	6	3	53.42	53.42	72	72	72	0	0.98245898	0.98979189	12.6241721	13.132221	5.98086	0	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
3	7	3	53.42	53.42	72	72	72	0	0.96532448	0.98971481	12.2028532	12.8491384	5.90608	0	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
3	8	3	53.42	53.42	72	72	72	0	0.90319027	0.98984458	12.1247525	12.41073	5.78683	0	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
3	9	3	53.42	53.42	72	72	72	0	0.90137259	0.98978597	12.800867	12.3973922	5.61287	0	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
3	10	3	53.42	53.42	72	72	72	0	0.98548648	0.98987829	12.3914384	12.9547369	5.67802	0	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
3	11	3	53.42	53.42	72	72	72	0	0.92414702	0.98960928	12.792399	12.8773033	6.18531	0	0.00	70.00	\$0.00	\$0.00	\$0.00	\$45,000.00	
3	12	3	53.42	53.42	72	72	72	0	0												

6	10	1	72.48	0	0.88506876	0.88888772	72	18.7674375	19.6513853	6.121.97	72	0.00	70.00	\$0.00	0	\$45,000.00
6	11	1	72.48	0	0.90012407	0.90864189	72	19.3840348	19.2306898	5,965.47	72	0.00	70.00	\$0.00	0	\$45,000.00
6	12	1	72.48	0	0.9434475	0.9897357	72	19.0162448	19.055284	5,967.98	72	0.00	70.00	\$0.00	0	\$45,000.00
6	13	1	72.48	0	0.9672214	0.98889183	72	19.3196386	19.6642714	6,011.08	72	0.00	70.00	\$0.00	0	\$45,000.00
6	14	1	72.48	0	0.90071871	0.98952607	72	19.0758019	19.2922106	5,985.71	72	0.00	70.00	\$0.00	0	\$45,000.00
6	15	1	72.48	0	0.96570321	0.98883258	72	19.2485563	19.6282337	5,757.76	72	0.00	70.00	\$0.00	0	\$45,000.00
6	16	1	72.48	0	0.96396704	0.94985118	72	19.1114709	19.0219879	6,024.17	72	0.00	70.00	\$0.00	0	\$45,000.00
6	17	1	72.48	0	0.95140895	0.98974288	72	19.5513381	19.7286738	5,911.82	72	0.00	70.00	\$0.00	0	\$45,000.00
6	18	1	72.48	0	0.92041154	0.98950084	72	19.2679575	19.2749091	5,718.77	72	0.00	70.00	\$0.00	0	\$45,000.00
6	19	1	72.48	0	0.91207676	0.98984333	72	19.2080274	19.4637048	5,688.78	72	0.00	70.00	\$0.00	0	\$45,000.00
6	20	1	72.48	0	0.96428968	0.98950451	72	19.2791818	19.3856873	6,176.77	72	0.00	70.00	\$0.00	0	\$45,000.00
6	21	1	72.48	0	0.97259932	0.98959986	72	19.8261783	19.6233841	6,043.09	72	0.00	70.00	\$0.00	0	\$45,000.00
6	22	1	72.48	0	0.94629409	0.98969897	72	19.3683151	19.8957525	5,998.95	72	0.00	70.00	\$0.00	0	\$45,000.00
6	23	2	72.48	0	0.98814868	0.98975049	72	11.5311972	11.3850495	5,875.84	0	0.00	70.00	\$0.00	0	\$45,000.00
6	24	2	72.48	0	0.98814868	0.98975049	72	11.5311972	11.3850495	5,875.84	0	0.00	70.00	\$0.00	0	\$45,000.00
7	1	2	72.48	0	0.969847	0.98984852	0	13.32027	14.001629	0.00	0	0.00	70.00	\$0.00	0	\$45,000.00
7	2	2	72.48	0	0.96186275	0.98957405	0	13.32027	14.001629	0.00	0	0.00	70.00	\$0.00	0	\$45,000.00
7	3	2	72.48	0	0.94417753	0.98962646	0	13.1741384	13.350327	0.00	0	0.00	70.00	\$0.00	0	\$45,000.00
7	4	2	72.48	0	0.96984872	0.98969883	0	14.1068085	13.2897862	0.00	0	0.00	70.00	\$0.00	0	\$45,000.00
7	5	2	72.48	0	0.96472117	0.98995438	0	13.2873013	13.8593273	0.00	0	0.00	70.00	\$0.00	0	\$45,000.00
7	6	2	72.48	0	0.92083911	0.98970582	0	13.7000677	13.5909008	0.00	0	0.00	70.00	\$0.00	0	\$45,000.00
7	7	1	83.86	0	0.91685954	0.98969098	0	19.5711822	19.8390007	0.00	0	1.00	71.00	\$0.00	0	\$45,000.00
7	8	1	83.86	0	0.95872861	0.98983489	0	20.2248042	19.9472899	0.00	0	1.00	72.00	\$0.00	0	\$45,000.00
7	9	1	83.86	0	0.98969399	0.98980771	0	19.9547832	20.1893431	0.00	0	1.00	73.00	\$0.00	0	\$45,000.00
7	10	1	83.86	0	0.96875733	0.98959511	0	20.2590337	20.2543733	0.00	0	1.00	74.00	\$0.00	0	\$45,000.00
7	11	1	83.86	0	0.9129938	0.98985801	0	19.8338719	20.1680328	0.00	0	1.00	75.00	\$0.00	0	\$45,000.00
7	12	1	83.86	0	0.91186987	0.98983972	0	19.4974663	19.6074072	0.00	0	1.00	76.00	\$0.00	0	\$45,000.00
7	13	1	83.86	0	0.90720245	0.98968859	0	20.6457985	20.292402	0.00	0	1.00	77.00	\$0.00	0	\$45,000.00
7	14	1	83.86	0	0.90972593	0.98952589	0	19.8351719	19.8065293	0.00	0	1.00	78.00	\$0.00	0	\$45,000.00
7	15	1	83.86	0	0.92161366	0.98987089	0	19.8938452	19.829292	0.00	0	1.00	79.00	\$0.00	0	\$45,000.00
7	16	1	83.86	0	0.90857923	0.9897555	0	20.1871115	19.4885672	0.00	0	1.00	80.00	\$0.00	0	\$45,000.00
7	17	1	83.86	0	0.98954662	0.98956979	0	19.9463376	20.3173703	0.00	0	1.00	81.00	\$0.00	0	\$45,000.00
7	18	1	83.86	0	0.91647153	0.98981638	0	19.4053199	18.4181123	0.00	0	1.00	82.00	\$0.00	0	\$45,000.00
7	19	1	83.86	0	0.92428522	0.98981457	0	20.214378	19.9504174	0.00	0	1.00	83.00	\$0.00	0	\$45,000.00
7	20	1	83.86	0	0.9098953	0.98982277	0	19.6057803	19.490149	0.00	0	1.00	84.00	\$0.00	0	\$45,000.00
7	21	1	83.86	0	0.91370369	0.98980607	0	20.3318381	19.716695	0.00	0	1.00	85.00	\$0.00	0	\$45,000.00
7	22	1	83.86	0	0.95589921	0.98990781	0	19.7789776	18.541288	0.00	0	1.00	86.00	\$0.00	0	\$45,000.00
7	23	2	83.86	0	0.90279174	0.98956198	0	14.0599534	13.4825398	0.00	0	0.00	86.00	\$0.00	0	\$45,000.00
7	24	2	83.86	0	0.95475068	0.98954658	0	14.1340944	13.3819665	0.00	0	0.00	86.00	\$0.00	0	\$45,000.00
8	1	2	50.95	0	0.90780078	0.98952711	0	12.4117147	11.8698807	0.00	0	0.00	86.00	\$0.00	0	\$45,000.00
8	2	2	50.95	0	0.91401068	0.98953317	0	11.5501813	12.0246925	0.00	0	0.00	86.00	\$0.00	0	\$45,000.00
8	3	2	50.95	0	0.97881289	0.98996583	0	12.4701583	12.2523086	0.00	0	0.00	86.00	\$0.00	0	\$45,000.00
8	4	2	50.95	0	0.93984781	0.98973212	0	12.4103106	11.8955534	0.00	0	0.00	86.00	\$0.00	0	\$45,000.00
8	5	2	50.95	0	0.96915247	0.98992802	0	11.875878	12.171048	0.00	0	0.00	86.00	\$0.00	0	\$45,000.00
8	6	2	50.95	0	0.92583351	0.98998819	0	12.3704939	11.8042183	0.00	0	0.00	86.00	\$0.00	0	\$45,000.00
8	7	1	88.89	0	0.96829287	0.98958888	0	17.2189047	16.534689	0.00	0	1.00	87.00	\$0.00	0	\$45,000.00
8	8	1	88.89	0	0.93152835	0.98952644	0	16.2845486	16.1238958	0.00	0	1.00	88.00	\$0.00	0	\$45,000.00
8	9	1	88.89	0	0.97035961	0.98990683	0	16.4075222	17.1137308	0.00	0	1.00	89.00	\$0.00	0	\$45,000.00
8	10	1	88.89	0	0.93235131	0.98964818	0	16.3139042	16.8623484	0.00	0	1.00	90.00	\$0.00	0	\$45,000.00
8	11	1	88.89	0	0.90066686	0.98953288	0	16.58872	16.7178872	0.00	0	1.00	91.00	\$0.00	0	\$45,000.00
8	12	1	88.89	0	0.96015588	0.98992751	0	16.8185714	16.8559138	0.00	0	1.00	92.00	\$0.00	0	\$45,000.00
8	13	1	88.89	0	0.91784129	0.98992489	0	16.8972489	16.5922063	0.00	0	1.00	93.00	\$0.00	0	\$45,000.00
8	14	1	88.89	0	0.91321078	0.98993727	0	16.3318042	16.3218197	0.00	0	1.00	94.00	\$0.00	0	\$45,000.00
8	15	1	88.89	0	0.92770682	0.98994426	0	16.3145538	16.6886604	0.00	0	1.00	95.00	\$0.00	0	\$45,000.00
8	16	1	88.89	0	0.94589063	0.98990726	0	17.188372	16.8390306	0.00	0	1.00	96.00	\$0.00	0	\$45,000.00
8	17	1	88.89	0	0.92370283	0.98990689	0	16.417828	17.1329828	0.00	0	1.00	97.00	\$0.00	0	\$45,000.00
8	18	1	88.89	0	0.96912783	0.98990687	0	16.4839722	16.9209658	0.00	0	1.00	98.00	\$0.00	0	\$45,000.00
8	19	1	88.89	0	0.92287887	0.98984322	0	16.9904233	17.878947	0.00	0	1.00	99.00	\$0.00	0	\$45,000.00
8	20	1	88.89	0	0.96887286	0.98982729	0	16.5430151	17.0581513	0.00	0	1.00	100.00	\$0.00	0	\$45,000.00
8	21	1	88.89	0	0.9644687	0.98958478	0	16.8440287	16.7876576	0.00	0	1.00	101.00	\$0.00	0	\$45,000.00
8	22	1	88.89	0	0.96882391	0.98973856	0	17.000128	16.8245517	0.00	0	1.00	102.00	\$0.00	0	\$45,000.00
8	23	2	50.95	0	0.92333079	0.98959196	0	12.0354036	12.9173083	0.00	0	0.00	102.00	\$0.00	0	\$45,000.00
8	24	2	50.95	0	0.96918575	0.9894162	0	11.845728	12.1905378	0.00	0	0.00	102.00	\$0.00	0	\$45,000.00
9	1	2	48.31	0	0.81388028	0.98957632	0	12.1882848	12.5861418	0.00	0	0.00	102.00	\$0.00	0	\$45,000.00
9	2	2	48.31	0	0.94244095	0.98995038	0	12.2503333	11.984547	0.00	0	0.00	102.00	\$0.00	0	\$45,000.00
9	3	2	48.31	0	0.99143555	0.9897472	0	11.888245	12.0223895	0.00	0	0.00	102.00	\$0.00	0	\$45,000.00
9	4	2	48.31	0	0.85207004	0.98970032	0	12.0103524	12.4630541	0.00	0	0.00	102.00	\$0.00	0	\$45,000.00
9	5	2	48.31	0	0.99804904	0.98976281	0	12.0404301	12.2689595	0.00	0	0.00	102.00	\$0.00	0	\$45,000.00

17	18	3	55.24	72	72	0	0	0.86104212	0.88852151	72	13.5418751	13.5423889	5,970.44	0	0.00	143.78	\$0.00	\$161,357.55	72	487.9109511	\$104,132.83
17	19	3	55.24	72	72	0	0	0.87938883	0.88972095	72	13.1861214	13.0123216	0,067.07	0	0.00	143.78	\$0.00	\$161,357.55	72	471.6238774	\$104,604.26
17	20	3	55.24	72	72	0	0	0.87320699	0.88699317	50	13.2029061	13.5004397	4,186.74	0	0.00	143.78	\$0.00	\$161,357.55	72	480.8602253	\$105,084.92
17	21	3	55.24	72	72	0	0	0.87024443	0.88693249	50	13.2052863	12.8760106	4,087.36	0	0.00	143.78	\$0.00	\$161,357.55	72	469.4993437	\$105,554.42
17	22	3	55.24	72	72	0	0	0.84039849	0.88697848	5	12.8043564	12.8423889	405.88	0	0.00	143.78	\$0.00	\$161,357.55	72	465.2505787	\$106,019.67
17	23	3	55.24	72	72	0	0	0.85224695	0.88697559	5	13.3624408	13.7632389	410.88	0	0.00	143.78	\$0.00	\$161,357.55	72	488.8059345	\$106,508.47
17	24	3	55.24	72	72	0	0	0.82500948	0.88698523	5	13.0828449	12.9589797	389.26	0	0.00	143.78	\$0.00	\$161,357.55	72	468.7528415	\$106,977.23
18	1	2	55.24	72	72	0	0	0.86262651	0.88697566	0	13.0786041	13.6881711	0.00	0	0.00	143.78	\$0.00	\$161,357.55	72	481.9459545	\$107,467.23
18	2	2	55.24	72	72	0	0	0.89297872	0.88695923	0	13.0121671	12.8644221	0.00	0	0.00	143.78	\$0.00	\$161,357.55	72	465.7791463	\$107,824.85
18	3	2	55.24	72	72	0	0	0.89252001	0.88695246	0	13.7883379	13.5604397	0.00	0	0.00	143.78	\$0.00	\$161,357.55	72	482.2778158	\$108,417.23
18	4	2	55.24	72	72	0	0	0.89070773	0.88696328	0	13.7059473	13.7797653	0.00	0	0.00	143.78	\$0.00	\$161,357.55	72	484.7428266	\$108,811.97
18	5	2	55.24	72	72	0	0	0.88786998	0.88696328	0	13.125718	13.2042063	0.00	0	0.00	143.78	\$0.00	\$161,357.55	72	473.8368534	\$109,385.91
18	6	2	55.24	72	72	0	0	0.88565608	0.88697229	70	13.0213882	13.4634215	5,943.34	0	0.00	143.78	\$0.00	\$161,357.55	72	478.7265924	\$109,862.64
18	7	1	78.97	72	72	0	0	0.87818914	0.88694264	5	20.3838231	20.2110495	422.15	72	0.00	143.78	\$0.00	\$161,357.55	72	728.9077053	\$110,591.55
18	8	1	78.97	72	72	0	0	0.89349693	0.88697845	50	18.8891858	20.4764492	4,040.46	72	0.00	143.78	\$0.00	\$161,357.55	72	728.4212068	\$111,319.87
18	9	1	78.97	72	72	0	0	0.89290051	0.88697804	50	20.4622747	20.8695503	4,139.56	72	0.00	143.78	\$0.00	\$161,357.55	72	751.1766543	\$112,071.86
18	10	1	78.97	72	72	0	0	0.89604486	0.88697306	50	19.8803309	20.342313	4,189.63	72	0.00	143.78	\$0.00	\$161,357.55	72	725.8597915	\$112,787.54
18	11	1	78.97	72	72	0	0	0.87887339	0.88692449	50	20.8278588	20.3307335	4,214.88	72	0.00	143.78	\$0.00	\$161,357.55	72	740.8510007	\$113,538.39
18	12	1	78.97	72	72	0	0	0.87675606	0.88693065	50	20.3842384	20.5539584	3,998.30	72	0.00	143.78	\$0.00	\$161,357.55	72	736.8874642	\$114,275.28
18	13	1	78.97	72	72	0	0	0.89829329	0.886973995	50	20.8046653	20.7470339	4,299.09	72	0.00	143.78	\$0.00	\$161,357.55	72	747.8444454	\$115,023.23
18	14	1	78.97	72	72	0	0	0.88181028	0.88697834	72	20.1884126	20.6259001	6,100.99	72	0.00	143.78	\$0.00	\$161,357.55	72	738.2578287	\$115,761.48
18	15	1	78.97	72	72	0	0	0.87399415	0.88698127	72	20.8086172	20.1774314	6,012.15	72	0.00	143.78	\$0.00	\$161,357.55	72	739.5128761	\$116,501.00
18	16	1	78.97	72	72	0	0	0.82100564	0.88696986	72	20.8003882	20.0038368	5,724.58	72	0.00	143.78	\$0.00	\$161,357.55	72	730.8760882	\$117,231.87
18	17	1	78.97	72	72	0	0	0.87118011	0.88691748	72	20.7772831	20.7797486	5,000.26	72	0.00	143.78	\$0.00	\$161,357.55	72	747.8463979	\$117,979.82
18	18	1	78.97	72	72	0	0	0.8960201	0.88697748	72	20.7329487	20.2839847	6,021.56	72	0.00	143.78	\$0.00	\$161,357.55	72	738.3048193	\$118,718.12
18	19	1	78.97	72	72	0	0	0.87680435	0.88697822	72	20.7393426	20.3933924	6,069.68	72	0.00	143.78	\$0.00	\$161,357.55	72	740.3800558	\$119,458.51
18	20	1	78.97	72	72	0	0	0.87404819	0.88697069	50	20.3388873	20.1989702	4,228.58	72	0.00	143.78	\$0.00	\$161,357.55	72	729.8614352	\$120,188.19
18	21	1	78.97	72	72	0	0	0.806664	0.88697831	0	20.8037872	20.7292429	391.22	72	0.00	143.78	\$0.00	\$161,357.55	72	747.4808177	\$120,935.87
18	22	1	78.97	72	72	0	0	0.8725919	0.88698172	5	20.3533905	20.1356247	421.87	72	0.00	143.78	\$0.00	\$161,357.55	72	728.8011584	\$121,684.48
18	23	2	55.24	72	72	0	0	0.86007246	0.88698342	72	12.8641715	12.9381594	5,968.94	0	0.00	143.78	\$0.00	\$161,357.55	72	466.2419582	\$122,130.72
18	24	2	55.24	72	72	0	0	0.89869249	0.88695994	35	13.0816888	12.8448756	3,020.20	0	0.00	143.78	\$0.00	\$161,357.55	72	479.2783368	\$122,810.00
19	1	2	51.78	72	72	0	0	0.91214544	0.88695597	0	13.7174489	13.4270147	0.00	0	0.00	143.78	\$0.00	\$161,357.55	72	488.6003088	\$123,098.60
19	2	2	51.78	72	72	0	0	0.87650167	0.88695633	0	13.9360187	13.1850369	0.00	0	0.00	143.78	\$0.00	\$161,357.55	72	482.9589685	\$123,581.55
19	3	2	51.78	72	72	0	0	0.87495113	0.88697036	0	12.9657255	13.8537198	0.00	0	0.00	143.78	\$0.00	\$161,357.55	72	483.2888488	\$124,064.84
19	4	2	51.78	72	72	0	0	0.83183918	0.8869787	0	13.56923	13.8816384	0.00	0	0.00	143.78	\$0.00	\$161,357.55	72	484.1210318	\$124,558.97
19	5	2	51.78	72	72	0	0	0.84248706	0.88697631	0	12.880358	13.326442	0.00	0	0.00	143.78	\$0.00	\$161,357.55	72	473.5242008	\$125,032.49
19	6	2	51.78	72	72	0	0	0.85288919	0.88698987	70	13.1486435	13.164955	5,755.81	0	0.00	143.78	\$0.00	\$161,357.55	72	478.3959039	\$125,508.88
19	7	1	81.21	72	72	0	0	0.813964	0.886981097	5	18.8348688	18.42325	384.38	72	0.00	143.78	\$0.00	\$161,357.55	72	664.818808	\$126,181.48
19	8	1	81.21	72	72	0	0	0.86085163	0.88694711	50	18.342593	18.5988601	4,233.43	72	0.00	143.78	\$0.00	\$161,357.55	72	683.4896881	\$127,508.91
19	9	1	81.21	72	72	0	0	0.8742925	0.88697402	50	18.1535715	18.7073586	4,174.59	72	0.00	143.78	\$0.00	\$161,357.55	72	687.3873338	\$128,171.30
19	10	1	81.21	72	72	0	0	0.87650151	0.88690241	50	18.6243415	18.4527315	4,214.46	72	0.00	143.78	\$0.00	\$161,357.55	72	673.8431628	\$128,851.14
19	11	1	81.21	72	72	0	0	0.89269208	0.88692892	50	18.4865218	18.9420986	4,284.30	72	0.00	143.78	\$0.00	\$161,357.55	72	671.0377865	\$129,522.18
19	12	1	81.21	72	72	0	0	0.86146258	0.88697512	50	18.707344	18.7214226	4,149.05	72	0.00	143.78	\$0.00	\$161,357.55	72	677.1765877	\$130,198.36
19	13	1	81.21	72	72	0	0	0.83485888	0.88692583	50	18.888295	18.7825031	4,034.82	72	0.00	143.78	\$0.00	\$161,357.55	72	671.0377865	\$130,874.16
19	14	1	81.21	72	72	0	0	0.84290402	0.88693559	72	18.9702103	18.5193905	5,857.85	72	0.00	143.78	\$0.00	\$161,357.55	72	684.1059625	\$131,538.27
19	15	1	81.21	72	72	0	0	0.84697867	0.886970068	72	18.3009469	18.5939305	5,894.15	72	0.00	143.78	\$0.00	\$161,357.55	72	689.4889001	\$132,207.74
19	16	1	81.21	72	72	0	0	0.81350071	0.88693928	72	18.7027387	18.6889728	5,677.49	72	0.00	143.78	\$0.00	\$161,357.55	72	674.8385379	\$132,882.58
19	17	1	81.21	72	72	0	0	0.84811098	0.88695876	72	18.7897812	18.7212486	6,208.89	72	0.00	143.78	\$0.00	\$161,357.55	72	687.8320334	\$133,550.51
19	18	1	81.21	72	72	0	0	0.82332888	0.88696929	72	18.5685731	18.337821	5,890.20	72	0.00	143.78	\$0.00	\$161,357.55	72	666.5289704	\$134,217.04
19	19	1	81.21	72	72	0	0	0.81051147	0.88696951	50	18.3171442	18.4872225	3,930.04	72	0.00	143.78	\$0.00	\$161,357.55	72	682.381401	\$134,879.42
19	20	1	81.21	72	72	0	0	0.84702062	0.88695479	5	18.90491	18.132564	408.56	72	0.00	143.78	\$0.00	\$161,357.55	72	655.9041268	\$135,535.32
19	21	1	81.21	72	72	0	0	0.83716583	0.88691921	5	18.90491	18.132564	408.56	72	0.00	143.78	\$0.00	\$161,357.55	72	688.1545224	\$136,203.46
19	22	2	51.78	72	72	0	0	0.8207486	0.88690815	35	13.818703	13.8810816	5,721.24	0	0.00	143.78	\$0.00	\$161,357.55	72	498.1951906	\$136,702.87
19	23	2	51.78	72	72	0	0	0.8420223	0.88690815	0	12.8518643	13.8517687	2,845.10	0	0.00	143.78	\$0.00	\$161,357.55	7		

20	14	1	88.16	72	72	0	0	0.005499	0.98984772	72	18.784221	19.458698	5,629.42	72	0.00	143.78	\$0.00	\$161,357.55	72	706.4481038	\$145,467.25
20	15	1	88.16	72	72	0	0	0.0385927	0.98973556	72	18.8598711	19.1283191	5,832.27	72	0.00	143.78	\$0.00	\$161,357.55	72	698.1514236	\$146,165.40
20	16	1	88.16	72	72	0	0	0.03359666	0.98961618	72	18.4745749	19.268964	5,802.26	72	0.00	143.78	\$0.00	\$161,357.55	72	697.0224843	\$146,862.42
20	17	1	88.16	72	72	0	0	0.04016522	0.98970684	72	19.2228851	19.3598878	5,841.87	72	0.00	143.78	\$0.00	\$161,357.55	72	694.814112	\$147,557.03
20	18	1	88.16	72	72	0	0	0.04493238	0.98966332	72	19.088981	19.1470322	5,833.34	72	0.00	143.78	\$0.00	\$161,357.55	72	704.19137	\$146,261.23
20	19	1	88.16	72	72	0	0	0.03865043	0.98966132	72	19.1055441	18.1470322	5,833.34	72	0.00	143.78	\$0.00	\$161,357.55	72	688.5044531	\$146,948.73
20	20	1	88.16	72	72	0	0	0.01930789	0.98951978	50	18.9307893	19.5767316	4,233.78	72	0.00	143.78	\$0.00	\$161,357.55	72	708.0697777	\$149,655.78
20	21	1	88.16	72	72	0	0	0.02765294	0.98952298	5	18.9626036	19.5767316	4,002.23	72	0.00	143.78	\$0.00	\$161,357.55	72	712.1145519	\$150,367.90
20	22	1	88.16	72	72	0	0	0.04599237	0.98974869	5	18.9035849	19.1538031	3,904.17	72	0.00	143.78	\$0.00	\$161,357.55	72	462.346907	\$151,531.48
20	23	2	88.16	72	72	0	0	0.03710642	0.98985719	72	12.7384533	12.9570659	5,824.17	0	0.00	143.78	\$0.00	\$161,357.55	72	453.5762423	\$151,985.06
20	24	2	88.16	72	72	0	0	0.05771277	0.98967596	35	12.5337788	12.6644013	2,862.70	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
21	1	2	86.66	72	72	0	0	0.02964301	0.98956483	0	12.0479083	12.0278637	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
21	2	2	86.66	72	72	0	0	0.01249684	0.98955065	0	11.3436146	11.5677319	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
21	3	2	86.66	72	72	0	0	0.06241221	0.98960665	0	11.7152822	11.3696657	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
21	4	2	86.66	72	72	0	0	0.0021169	0.98967161	0	12.1484609	11.6020386	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
21	5	2	86.66	72	72	0	0	0.04308574	0.98951864	0	12.0150918	11.3615248	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
21	6	2	86.66	72	72	0	0	0.01398003	0.98980565	70	11.892425	11.7078202	5,518.20	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
21	7	1	86.66	72	72	0	0	0.09455427	0.98955461	5	16.8623737	16.1878459	429.09	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
21	8	1	86.66	72	72	0	0	0.04953222	0.98978133	72	18.8741588	16.8032807	5,901.05	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
21	9	1	86.66	72	72	0	0	0.09267812	0.98982226	72	18.7268245	16.5989011	6,167.98	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
21	10	1	86.66	72	72	0	0	0.00987629	0.9899326	72	18.3015115	18.754907	5,636.28	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
21	11	1	86.66	72	72	0	0	0.00403766	0.9895381	72	18.4071206	18.4986363	5,818.67	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
21	12	1	86.66	72	72	0	0	0.82991347	0.98932985	72	18.629345	19.0006978	5,778.86	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
21	13	1	86.66	72	72	0	0	0.98796078	0.98939664	72	18.5300334	18.6150481	6,011.61	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
21	14	1	86.66	72	72	0	0	0.83812112	0.98971776	72	18.0238677	18.1367023	6,829.20	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
21	15	1	86.66	72	72	0	0	0.04806893	0.98957707	72	18.6661061	18.3620615	5,880.17	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
21	16	1	86.66	72	72	0	0	0.0381513	0.98990737	72	18.6055032	16.4022277	5,830.51	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
21	17	1	86.66	72	72	0	0	0.81433198	0.98981765	72	18.318182	18.9651333	5,661.96	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
21	18	1	86.66	72	72	0	0	0.92719007	0.98958696	72	18.9731353	18.1416857	5,790.35	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
21	19	1	86.66	72	72	0	0	0.84465023	0.9897053	72	18.076295	18.0212855	5,868.55	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
21	20	1	86.66	72	72	0	0	0.96687225	0.98991756	72	18.382084	18.4730988	6,194.27	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
21	21	1	86.66	72	72	0	0	0.87973733	0.98959883	72	18.2979885	18.9133574	6,067.37	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
21	22	1	86.66	72	72	0	0	0.81926087	0.98963325	72	18.1465788	18.0883155	5,712.15	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
21	23	2	86.66	72	72	0	0	0.99415923	0.98990877	72	11.2682004	11.3717089	6,178.60	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
21	24	1	86.66	72	72	0	0	0.84740946	0.98987181	35	11.2188457	11.3613178	2,862.14	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
22	1	2	84.41	72	72	0	0	0.83887035	0.98984257	0	12.5839249	12.6323035	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
22	2	2	49.07	72	72	0	0	0.81930573	0.98954682	0	12.545273	12.5491488	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
22	3	2	49.07	72	72	0	0	0.85707156	0.98986965	0	13.9601967	12.8819879	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
22	4	2	49.07	72	72	0	0	0.86729417	0.98975139	0	12.4604964	12.6798729	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
22	5	2	49.07	72	72	0	0	0.86000247	0.98968461	0	13.291126	12.4861503	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
22	6	2	49.07	72	72	0	0	0.94333977	0.98978421	70	13.0817608	13.2343304	5,898.18	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
22	7	1	84.41	72	72	0	0	0.89230501	0.9898986	5	20.3721908	20.2648781	4,285.52	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
22	8	1	84.41	72	72	0	0	0.89508969	0.98987483	50	20.7095964	20.8703551	4,295.54	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
22	9	1	84.41	72	72	0	0	0.95202065	0.98973719	50	20.3040026	20.4071845	4,126.18	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
22	10	1	84.41	72	72	0	0	0.82548013	0.98988553	50	20.9855338	20.3925551	3,994.51	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
22	11	1	84.41	72	72	0	0	0.80839795	0.98984936	50	20.0151199	20.6191426	3,924.59	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
22	12	1	84.41	72	72	0	0	0.86138917	0.98959416	50	18.6298078	20.4902813	4,234.15	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
22	13	1	84.41	72	72	0	0	0.84825083	0.98984305	0	18.965872	20.6164087	4,091.46	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
22	14	1	84.41	72	72	0	0	0.86853367	0.98956968	72	20.82476	20.6886112	6,008.70	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
22	15	1	84.41	72	72	0	0	0.98893228	0.98971853	72	20.5472544	19.878074	6,207.45	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
22	16	1	84.41	72	72	0	0	0.90892034	0.9897838	72	20.735812	20.0161885	5,636.19	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
22	17	1	84.41	72	72	0	0	0.86494842	0.98974004	72	20.8222577	20.8245228	6,120.31	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
22	18	1	84.41	72	72	0	0	0.87088893	0.98980673	72	20.4749313	20.2280007	6,033.96	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
22	19	1	84.41	72	72	0	0	0.8982872	0.98985971	72	20.8955744	20.8049816	4,070.37	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
22	20	1	84.41	72	72	0	0	0.84331572	0.98989919	50	20.7546282	20.782247	4,070.37	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,985.06
22	21	1	84.41	72	72	0	0	0.87912823	0.98990672	5	18.9023462	20.1391389	4,228.56	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$

23	10	1	84.41	0	0.94619634	0.989578	50	20.260826	20.2518047	4.960.87	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
23	11	1	84.41	0	0.929803	0.9890014	50	20.503457	20.667733	4,013.68	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
23	12	1	84.41	0	0.9050105	0.98881401	50	20.7739871	20.468604	3,905.56	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
23	13	1	84.41	0	0.96543257	0.98951643	50	20.126487	20.7287057	4,185.15	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
23	14	1	84.41	0	0.92150629	0.98989119	72	20.2311771	20.4058028	5,728.97	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
23	15	1	84.41	0	0.91232824	0.98980034	72	20.2317933	20.406028	5,698.16	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
23	16	1	84.41	0	0.93965835	0.98987497	72	20.3266442	20.040625	8,840.83	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
23	17	1	84.41	0	0.96970664	0.98954988	72	19.8206843	20.5186544	6,210.82	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
23	18	1	84.41	0	0.97546252	0.9895748	72	20.095928	20.8255411	6,000.50	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
23	19	1	84.41	0	0.9693076	0.98974844	72	20.629045	20.1198858	6,007.78	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
23	20	1	84.41	0	0.94208844	0.98989152	50	20.5807618	20.5849468	4,068.35	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
23	21	1	84.41	0	0.927108	0.98993363	5	20.2250803	20.632375	397.54	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
23	22	1	84.41	0	0.97130298	0.98984178	5	19.9119589	20.3854872	419.26	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
23	23	2	84.41	0	0.96013877	0.98962224	35	12.1728339	11.6668572	6,151.83	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
23	24	2	84.41	0	0.91943262	0.98960308	35	11.8182157	12.372127	2,778.87	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
24	1	3	84.41	0	0.9266091	0.98971299	0	14.2444823	14.5399143	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
24	2	3	84.41	0	0.92404129	0.98991097	0	14.1851376	14.644091	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
24	3	3	84.41	0	0.96941454	0.98987083	0	14.589588	14.3865501	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
24	4	3	84.41	0	0.97089578	0.98974321	0	13.9881343	14.3894005	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
24	5	3	84.41	0	0.9341114	0.98962987	0	14.0828905	14.0842962	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
24	6	3	84.41	0	0.9303478	0.98988316	0	14.0712764	13.953455	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
24	7	3	84.41	0	0.93026355	0.98976037	0	13.97842	14.0437513	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
24	8	3	84.41	0	0.90676594	0.98952918	0	14.2477149	14.0698997	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
24	9	3	84.41	0	0.96119038	0.98986783	0	14.2485781	13.7471191	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
24	10	3	84.41	0	0.96225932	0.98951048	0	13.8807354	14.0758078	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
24	11	3	84.41	0	0.93462786	0.98981978	0	13.891773	14.288202	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
24	12	3	84.41	0	0.99479588	0.98979248	0	14.0424538	14.3293119	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
24	13	3	84.41	0	0.90636841	0.98978611	0	13.6735781	14.0898319	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
24	14	3	84.41	0	0.9527743	0.98978486	0	13.8230148	13.8530008	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
24	15	3	84.41	0	0.99638658	0.98964475	0	14.1788753	13.9005329	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
24	16	3	84.41	0	0.9656104	0.98981181	50	13.6917437	13.9002991	3,988.30	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
24	17	3	84.41	0	0.97410682	0.98977786	50	14.2804305	13.8092872	4,203.56	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
24	18	3	84.41	0	0.97619178	0.98980116	72	14.1002257	14.0167854	6,066.28	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
24	19	3	84.41	0	0.99851501	0.9895293	72	14.0040313	13.9075283	6,100.87	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
24	20	3	84.41	0	0.9546259	0.98978037	50	13.8278377	13.9746284	4,118.88	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
24	21	3	84.41	0	0.90326703	0.98982952	50	13.8145904	14.189898	3,888.10	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
24	22	3	84.41	0	0.9215144	0.98980482	5	13.7782441	14.125784	3,689.67	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
24	23	3	84.41	0	0.92771372	0.98974820	5	13.9405728	13.886241	4,003.33	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
24	24	3	84.41	0	0.98258815	0.98954491	5	13.6970311	13.8628592	4,233.92	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
25	1	2	75.71	0	0.9008883	0.98978753	0	14.3883447	14.0507635	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
25	2	2	75.71	0	0.90031684	0.98983504	0	13.8340009	13.868816	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
25	3	2	75.71	0	0.94027302	0.98978874	0	13.8459381	14.5823875	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
25	4	2	75.71	0	0.98888725	0.98952789	0	13.8345938	13.9208811	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
25	5	2	75.71	0	0.92503791	0.98977897	0	14.3284833	14.3808363	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
25	6	2	75.71	0	0.98398587	0.98985781	70	14.1278815	13.8530951	6,004.46	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
25	7	1	75.71	0	0.85462555	0.9887161	5	18.8550788	18.9858118	412.01	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
25	8	1	75.71	0	0.99889214	0.98989587	50	18.6104528	18.1378561	4,310.56	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
25	9	1	75.71	0	0.94312578	0.98984951	50	19.9831651	19.2182783	4,070.61	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
25	10	1	75.71	0	0.95560489	0.98874399	50	18.7428184	18.4554817	4,123.61	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
25	11	1	75.71	0	0.96178251	0.98978600	50	19.4006358	18.1020793	4,150.54	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
25	12	1	75.71	0	0.94834583	0.98874353	50	18.9086513	13.978688	4,092.28	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
25	13	1	75.71	0	0.94413848	0.9899042	50	19.2289198	19.2278936	4,074.78	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
25	14	1	75.71	0	0.90015887	0.98983874	72	18.8078513	19.1843005	5,594.01	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
25	15	1	75.71	0	0.96059484	0.98983445	72	18.8642858	18.9411279	5,084.46	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
25	16	1	75.71	0	0.96114571	0.98981871	72	18.8642858	18.5714689	5,974.83	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
25	17	1	75.71	0	0.94860978	0.98953285	72	18.0398831	19.5981469	5,982.88	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
25	18	1	75.71	0	0.87547708	0.98857172	72	18.0712585	18.8801087	6,080.43	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
25	19	1	75.71	0	0.9605989	0.98980286	72	18.5241823	19.2027218	5,651.28	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
25	20	1	75.71	0	0.90020812	0.9887818	50	19.3884	19.0438548	3,885.10	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
25	21	1	75.71	0	0.97719868	0.98988337	5	18.8602434	18.5868098	4,211.65	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
25	22	1	75.71	0	0.92828063	0.98988025	5	18.8500003	18.753873	389.75	72	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
25	23	2	84.41	0	0.93085323	0.98983319	35	13.7787866	13.7630648	5,783.55	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
25	24	2	84.41	0	0.90253843	0.98991382	35	13.9718489	14.3525869	2,728.70	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
26	1	2	84.41	0	0.9060548	0.98982585	0	13.1614268	13.2582785	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	\$151,985.06
26	2	2	84.41	0	0.92818814	0.9898501	0	13.1373318	13.9178039	0.00							

29	2	2	51.84	0.83744105	0.98860119	0	12.6661184	13.171065	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
29	3	2	51.84	0.84663339	0.98558658	0	12.3947899	12.7045577	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
29	4	2	51.84	0.86158079	0.98974435	0	12.1194587	12.2437885	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
29	5	2	51.84	0.87153103	0.98979055	0	13.1142507	13.1150087	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
29	6	2	51.84	0.89440109	0.98853966	70	12.562143	13.1896457	5.65582	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
29	7	2	82.71	0.92344751	0.98865322	388.45	15.4888838	15.025403	3.8845	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
29	8	1	82.71	0.87019192	0.98976184	50	15.4159222	15.2298553	4.18683	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
29	9	1	82.71	0.94370545	0.98895709	50	15.6335667	15.7594486	4.07155	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
29	10	1	82.71	0.98970089	0.98865618	50	15.5070953	15.722878	4.19407	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
29	11	1	82.71	0.95579286	0.98857831	50	15.8620463	15.8404448	4.12373	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
29	12	1	82.71	0.92368079	0.98898312	50	15.8327488	15.9030248	4.07287	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
29	13	1	82.71	0.94612821	0.98898337	50	15.88801	15.8539985	3.98759	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
29	14	1	82.71	0.92033942	0.98974756	72	15.7824936	15.8553806	5.89885	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
29	15	1	82.71	0.90350511	0.98894464	72	15.2502358	15.2063432	5.71889	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
29	16	1	82.71	0.92175666	0.98894488	72	15.4018725	15.1560603	6.12684	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
29	17	1	82.71	0.94897227	0.98858762	72	15.8840788	15.811359	5.89523	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
29	18	1	82.71	0.81973468	0.98868655	72	15.5127892	15.2513878	5.71678	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
29	19	1	82.71	0.96474447	0.98850923	72	16.041105	15.1163756	5.99337	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
29	20	1	82.71	0.92685686	0.9896401	50	15.9630648	15.8596658	3.99914	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
29	21	1	82.71	0.91486384	0.98973395	5	15.0892878	15.5396684	3.94883	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
29	22	1	82.71	0.93350511	0.98894464	5	15.0485688	15.4142505	4.0281	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
29	23	2	51.84	0.92175666	0.98894488	72	12.2804239	12.8329071	5.76183	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
29	24	2	51.84	0.92441301	0.98852146	35	12.3550833	12.960216	2.79188	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
30	1	2	52.63	0.84728461	0.98888038	0	11.1832439	11.5701409	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
30	2	2	52.63	0.96180539	0.98960551	0	11.6973062	10.9601785	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
30	3	2	52.63	0.98170511	0.98952439	0	11.1848855	11.370397	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
30	4	2	52.63	0.90468583	0.98953678	0	11.4408985	11.7370387	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
30	5	2	52.63	0.84056215	0.98861723	0	11.4189342	11.7304681	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
30	6	2	52.63	0.94478511	0.98971154	70	11.5882008	11.3846153	5.73586	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
30	7	1	82.71	0.98909039	0.98977043	5	15.3258428	16.0390841	4.3114	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
30	8	1	82.71	0.85524682	0.98856924	50	15.9754812	15.2260508	4.12110	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
30	9	1	82.71	0.98257274	0.98969451	50	15.4486853	15.168321	4.28975	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
30	10	1	82.71	0.97765285	0.98981534	50	15.6530333	15.8234548	4.22083	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
30	11	1	82.71	0.91303031	0.98987836	50	15.8500885	15.9484534	3.93984	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
30	12	1	82.71	0.84056215	0.98861723	50	15.88905	15.74965072	4.12724	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
30	13	1	82.71	0.91242568	0.98983037	50	15.0985284	15.9409847	3.93837	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
30	14	1	82.71	0.9130987	0.98982186	72	15.369818	15.1610865	5.67298	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
30	15	1	82.71	0.93525457	0.98984209	72	15.2985084	15.1225024	5.81212	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
30	16	1	82.71	0.87622428	0.98859662	72	15.8505131	15.0731345	6.08524	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
30	17	1	82.71	0.96504744	0.98965052	72	15.2805424	15.9616421	5.96811	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
30	18	1	82.71	0.98989625	0.98964762	72	15.6942609	15.9802704	6.19274	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
30	19	1	82.71	0.93591472	0.98987812	50	15.8471068	15.5989087	5.83388	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
30	20	1	82.71	0.90289772	0.98991227	5	15.3813226	15.3844468	3.89888	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
30	21	1	82.71	0.98519878	0.98975293	5	15.3308175	15.0786553	4.28442	72	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
30	22	2	52.63	0.90313508	0.98862209	72	11.1578001	11.2963395	5.61113	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
30	23	2	52.63	0.98080919	0.98954112	35	11.1300797	11.1346955	2.89165	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
30	24	2	52.63	0.96403731	0.98983331	0	13.354813	12.8884816	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
31	1	3	58	0.90151585	0.98970491	0	13.1288742	13.3597058	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
31	2	3	58	0.87110954	0.98980111	0	13.1655593	13.0843763	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
31	3	3	58	0.90289066	0.98951193	0	13.0288471	13.3820376	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
31	4	3	58	0.95889182	0.98907075	0	13.2622426	13.7005059	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
31	5	3	58	0.85044424	0.98969936	0	13.5672557	13.8683379	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
31	6	3	58	0.96769929	0.98959993	0	13.4382357	13.8484467	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
31	7	3	58	0.95997208	0.98952025	0	13.899132	13.8186004	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
31	8	3	58	0.81331833	0.98968491	0	13.5216289	13.0112713	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
31	9	3	58	0.93053777	0.9898491	0	13.0379212	13.324781	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
31	10	3	58	0.93901588	0.98977335	0	13.6362057	12.9676642	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
31	11	3	58	0.86587612	0.98969626	0	13.8888742	13.8053368	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
31	12	3	58	0.87771717	0.98959014	0	13.3342618	13.3425417	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
31	13	3	58	0.84314713	0.98959724	0	13.5969472	13.9055778	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
31	14	3	58	0.83091351	0.98951067	0	13.6377638	13.8175684	0.00	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
31	15	3	58	0.84108838	0.98971467	50	13.1177811	13.4538784	4.08085	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
31	16	3	58	0.80171414	0.98975148	50	13.5701473	13.0090751	3.89109	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
31	17	3	58	0.83865085	0.98974646	72	13.939542	13.4545027	5.63383	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151,885.06
31	18	3	58	0.84098205	0.98964585	72	13.8325807	13.2051703	5.84774	0	0.00	143.78	\$0.00	\$161,357.55	0	0	\$151

31	22	3	31679.2	10692.8	8107.88	59	72	72	4372	30576	27229	2,232,187.76	23488	0.00	143.78	\$0.00	\$161,357.55	\$106,985.06	\$151,985.06
31	23	3	400	200	144	59	72	72	4372	30576	27229	2,232,187.76	23488	0.00	143.78	\$0.00	\$161,357.55	\$106,985.06	\$151,985.06
31	24	3	76,198	54,964	56,303,333	59	72	72	4372	30576	27229	2,232,187.76	23488	0.00	143.78	\$0.00	\$161,357.55	\$106,985.06	\$151,985.06
Average of Off Peak and 24-hour			55,524,851																
sums			31679.2	10692.8	8107.88	59	72	72	4372	30576	27229	2,232,187.76	23488	0.00	143.78	\$0.00	\$161,357.55	\$106,985.06	\$151,985.06
Hours in period			400	200	144	59	72	72	4372	30576	27229	2,232,187.76	23488	0.00	143.78	\$0.00	\$161,357.55	\$106,985.06	\$151,985.06
Average			76,198	54,964	56,303,333	59	72	72	4372	30576	27229	2,232,187.76	23488	0.00	143.78	\$0.00	\$161,357.55	\$106,985.06	\$151,985.06

Check for \$100000	Current Month	Maximum for year	Minimum	Check \$350,000	Cummulative Outage	Cummulative A.S.	Addition back in
\$161,357.55	\$161,357.55	\$350,000.00	\$161,357.55	\$350,000.00	\$161,357.55	\$100,000.00	\$0.00
Check for \$100000	Current Month	Maximum for year	Minimum	Check \$350,000	Cummulative Outage	Cummulative A.S.	Addition back in
\$161,357.55	\$161,357.55	\$350,000.00	\$161,357.55	\$350,000.00	\$161,357.55	\$100,000.00	\$0.00
Check for \$100000	Current Month	Maximum for year	Minimum	Check \$350,000	Cummulative Outage	Cummulative A.S.	Addition back in
\$161,357.55	\$161,357.55	\$350,000.00	\$161,357.55	\$350,000.00	\$161,357.55	\$100,000.00	\$0.00

Payment reduction for outage

Payment Reduction for A.S. Outage

Addition back in for \$350,000 limit

TOTAL for Month

\$2,015,830.21

This spreadsheet will be modified as needed to match ISO settlement calculations, processes, and procedures.
 First such change will include modifying spreadsheet to perform calculations on a 10 minute basis.

Appendix B

Tri-Dam Project Request for Proposals for Power Purchases Commencing January 1, 2005

TRI-DAM PROJECT

Request for Proposals

for

Power Purchases Commencing January 1, 2005

The Tri-Dam Project, a partnership of the Oakdale Irrigation District and the South San Joaquin Irrigation District, is seeking proposals from qualified parties interested in purchasing the generation output of the Tri-Dam Project under a power sales agreement to be effective on January 1, 2005. The Tri-Dam Project consists of three reservoirs and three power plants with a combined generating capacity of approximately 100 MW that has historically generated 460 GWh annually.

SUMMARY

The Tri-Dam Project intends to market the entire generating output of the Project and related ancillary services under a single contract with a term of 5 to 10 years, with a possible option for the remaining term of the FERC License (30-50 years).

PROPOSAL RESPONSE

The Tri-Dam Project (the "Project") is seeking proposals from qualified parties interested in purchasing or marketing the generation output of the Project under a power purchase agreement ("PPA") with a term of between five and ten years. Interested parties should complete and submit the attached Expression of Interest, together with (i) a current financial statement of the entity with which the Project would contract, (ii) current and forecasted load for at least a 10 year period, (iii) current energy supply resources by resource type and (iv) a brief statement of how the Project output would be used in respondent's resource mix. Expressions of Interest, in the form set forth in Attachment C, should be delivered by December 19, 2003, to Steve Felte, General Manager of Tri-Dam at the address set forth below. Completed Expressions of Interest forms will be treated confidentially by Tri-Dam to the extent permitted by law and as provided herein. Prospective Respondents ("Respondents") should make their best efforts to provide accurate information about their planned proposal.

Following the receipt and review of the Expressions of Interest, Tri-Dam will invite qualified parties to submit a detailed proposal, including the key terms and conditions proposed to be included in the PPA. In preparing a proposal, Respondents should pay particular attention to the General Terms For Power Purchase Agreement set forth below.

The proposal is to be submitted by no later than 5:00 p.m., January 21, 2004 to:

By US Mail, Fax, or Email

Tri-Dam Project
Attn: Steve Felte
P.O. Box 1158
Pinecrest, CA 95364
Phone: (209) 965-3996
Fax: (209) 965-4235
E-mail: sjf@tridamproject.com

By Hand or Courier

Tri-Dam Project
Attn: Steve Felte
31885 Old Strawberry Road
Strawberry, CA 95375

Following a review of the proposals submitted, Tri-Dam will select one or more parties to participate in negotiations. This second phase of the solicitation is to allow a more detailed analysis of the appropriate "fit" of Project generation with a prospective buyer. Tri-Dam expects that the final negotiations will result in a PPA. Tri-Dam expects to enter into a PPA no later than November 1st 2004.

Schedule

The following is the expected schedule for this solicitation:

Release of Request For Proposals:	November 26, 2003
Expression of Interest Forms Due:	December 19, 2003
Proposals Due:	January 21, 2004
Selection of Short List:	February 5, 2004
Begin PPA Negotiations:	February 2004
PPA Execution Date:	November 1, 2004

Tri-Dam reserves the right to modify this schedule if, in the sole opinion of Tri-Dam, such modifications are deemed necessary.

Proprietary Information

A proposal may include information that the Respondent does not want disclosed to the public or used by Tri-Dam for any purpose other than proposal evaluation. Proprietary information should be specifically identified as such on every page where proprietary information may be contained. In such case, reasonable care will be exercised so that information identified as confidential will not be disclosed or used without the Respondent's permission, except to the extent provided in any resulting contract or to the extent required by law. This restriction does not limit Tri-Dam's right to use or disclose any information contained in a proposal if it is obtainable from another source without restriction. In any event, Tri-Dam, its employees, counsel, and consultants will not be liable for the accidental disclosure of such information, even if it is marked.

Incurred Costs

All costs directly or indirectly related to the preparation of a proposal in response to this solicitation or any oral presentation required to supplement and/or clarify a proposal which may be required by Tri-Dam shall be the sole responsibility of and shall be borne by the Respondent(s) incurring such costs. Tri-Dam shall not reimburse any Respondent for any costs incurred in the preparation or submission of a proposal and/or in negotiating an agreement as a result of a proposal.

Solicitation Not an Offer

This request for proposals is not an offer to sell output, but a general solicitation that may or may not result in the execution of a definitive PPA. In connection with this solicitation, Tri-Dam may enter into an agreement for the sale of output of the Project with one or more purchasers, depending upon the most favorable credit requirements, prices, terms, conditions and other benefits offered to Tri-Dam.

Rejection of Proposals

Tri-Dam reserves the right, without qualification and in its sole discretion, (a) to accept any proposal(s), (b) to reject any and all proposals and to re-solicit for proposals in the event that all proposals are rejected or Tri-Dam deems otherwise necessary or (c) to waive any informality, technicality or deficiency in the proposals received. Tri-Dam reserves the right to revise this solicitation, including the desired PPA specifications and the requirements for proposals, at any time. Tri-Dam reserves the right to consider alternatives outside of this solicitation, or in its sole discretion, to individually pursue the option(s) it determines to be the preferred option(s) to satisfy its power supply needs. Additionally, Tri-Dam reserves the right, in its sole discretion, to accept proposals other than that containing the highest offer amount. Respondents should recognize that factors other than offer amount, as described above, will be considered during the proposal evaluation process. Those who submit proposals agree to do so without recourse against Tri-Dam for either rejection or failure to execute a PPA.

Supplemental Information

Tri-Dam reserves the right to request additional information from individual Respondents or to request all Respondents to submit supplemental materials in fulfillment of the content requirements of this request for proposals or to meet additional information needs of Tri-Dam.

Credit Requirements

A contract will only be awarded to a Respondent that, in Tri-Dam's sole discretion, is credit-worthy or provides acceptable performance assurance.

PROJECT OVERVIEW

The Project has for the past 45 plus years operated under a contract with PG&E that will expire on December 31, 2004. Under that contract PG&E has scheduled the out-put of the generation and Tri-Dam has dispatched the units as well as provide the maintenance and operation of all project facilities.

The Project is licensed under 2 FERC Licensees that are currently in the process of securing a new license. License applications were filed with FERC December 2002 and a new license is expected by Jan 1, 2005. Additional and up to date information about relicensing activity is available at www.stanrelicensing.com.

- FERC Project 2005 includes the Donnells Dam & Reservoir, Donnells Powerhouse, Beardsley Dam & Reservoir, Beardsley Powerhouse and Beardsley Afterbay.
- FERC Project 2067 includes the Tulloch Dam & Reservoir and Tulloch Powerhouse.

The general operating characteristics of the Project provide for Donnells and Beardsley reservoirs to be operated for power production, consistent with FERC License conditions. The Donnells unit has a potential of 80 MW, however due to transformer and transmission constraints is limited to 72 MW and is operated for peaking capacity. The Beardsley unit will be overhauled the fall of 2004, replacing the runner, rewind the generator and replacing the governor. The existing unit is capable of 11 MW and operates as a run of river with limited peaking ability.

The Tulloch Reservoir is kept within 3 feet of its maximum summer level of 510' and 3 feet of its winter level of 490' serving as an afterbay for New Melones by agreement with the Bureau of Reclamation. The powerhouse has 2 generating units with a combined capacity of 18 MW that operate as a run of the river based on an irrigation demand. We are seeking FERC approval for an additional 5 MW unit to utilize the spill that occurs during peak irrigation. (Detailed specifications sheets are attached – Attachment A)

TRANSMISSION AND INTERCONNECTION STATUS

Transmission

Donnells Powerhouse is connected to the PG&E Curtis substation via 26.7 miles, 115kV transmission line. The Beardsley Powerhouse is connected to the Curtis 115kV line; via a 2.2-mile 115kv tap line. Currently this transmission is part of the PG&E FERC

Licensed project and thus FERC jurisdictional. However, at this time it is expected that only the initial 8 miles of the line (between Donnells and the Spring Gap tap) along with the Beardsley tap will remain as part of the (PG&E) FERC Licensed project and thus FERC jurisdictional. It is expected the remaining portion of the Donnells-Curtis line (approx 18.7 miles) will be outside of FERC's jurisdiction.

Tulloch Powerhouse is connected to the PG&E system via an 115kV line connecting the PG&E Riverbank substation and the PG&E Melones Switching Station. The powerhouse is connected to the PG&E line via a short section of tap line. The Melones-Riverbank 115kV line is part of the integrated network comprising the PG&E system.

Interconnection Status

The current agreement providing for the projects interconnection with the PG&E system expires on December 31, 2004. With the restructuring of the California electric industry the operation of the PG&E transmission system, with which the Project interconnects, was turned over to the CAISO. Tri-Dam has recently initiated the process of interconnecting the Project pursuant to CAISO procedures.

PROJECT CAPABILITIES

General Operations

The historical average annual out-put for the generators for the period from 1958 to present is as follows:

Donnells 312.0 Gwh

Beardsley 56.9 Gwh

Tulloch 93.5 Gwh.

The units are typically taken out of service in the winter (flexible schedule) for annual one to two week maintenance performed by Tri-Dam Project personnel. (Annual generation history is attached – Attachment B)

The units are remotely controlled and dispatched from the 24 by 7 operation center at Strawberry. The generators are connected to the PG&E grid at the line breaker. The units all have ISO metering, but are not presently subject to ISO control.

Generation at Donnells is flexible and is capable of peaking within project constraints. Available but unloaded capacity is available as operating reserves. The Beardsley unit is limited as a result of coordinated river operation with PG&E's downstream Stanislaus Unit, however some peaking operations are possible and available but unloaded generation is also available as operating reserves. Tulloch's capacity is limited due to seasonal irrigation, however historical generation illustrates a reliable out-put during the irrigation season and limited generation during the winter months. (Monthly historical generation is available for all units)

Generator Operations

Typical Project Operations

Seasonal operation of the Donnells and Beardsley generating units are dictated by available reservoir storage, downstream water requirements, runoff projections and reservoir regulation. In normal and wet years when reservoir spill is anticipated or is occurring, the Donnells and Beardsley units are operated at full capacity. As the spring runoff subsides and a storage cushion is created in the two reservoirs, the Beardsley unit returns to run-of-river and the Donnells unit is available for peaking. During non-spill periods, Beardsley generation is also regulated to avoid spill at the downstream Sand Bar Diversion Dam.

Summer and fall operation of the Donnells and Beardsley units is dictated by reservoir storage. Donnells generating capacity may be used for peaking and Beardsley remains in the run-of-river mode 24 hours a day throughout the period. The Beardsley Powerhouse operates to re-regulate river flows so that the total river flow at the Sand Bar Diversion Dam approximates the Stanislaus Power Tunnel capacity.

While output from Donnell's and Beardsley are both head dependant, hydrologic modeling under dry conditions indicates that the maximum generating capability during a dry year should not drop below 60 MW (620 cfs) at Donnell's. Maximum generating capability available at Beardsley will range between 4.8 and 11 MW over the course of a dry year. The 11 MW is generally available during the spring and summer months then decreases during the fall and winter period to 4.8 MW at minimum head. However, due to energy limitations the full generating capability at Beardsley is generally not available throughout the entire peak period each day

Operation of the Tulloch Project is dictated by irrigation demand and lower Stanislaus River fish and water quality flow requirements. The reservoir levels and non-irrigation releases are directed by an agreement between the USBR and Tri-Dam Project dated August 30, 1988. In general, the seasonal operation of Tulloch Reservoir is limited to maintaining a maximum reservoir level of 509.5 feet between March 20 and November 1, and a reduced maximum level of 501.5 feet between November 2 and March 19 of each year. Daily reservoir fluctuation is typically 3' throughout the year. Spring and summer operation (irrigation season) is characterized by periods of full power generation with spill occurring when the hydraulic capacity of the powerhouse is exceeded. Typical fall and winter operation is dictated by river flow and reservoir/flood control operations.

Products Available for Sale

Tri-Dam currently plans to sell the net project energy output and associated capacity. All capacity and energy is unit contingent. Project capacity is dependant on reservoir elevation and as such will fluctuate. Any differences between the available capacity as determined based on reservoir elevation and the actual project output at any time may be available for sale as operating reserves.

Proposed Project Changes and Modifications

In addition to the previously mentioned improvements at Beardsley (major overhaul) and Tulloch (additional 5 MW unit), Tri-Dam has identified several improvements to enhance the operation capability or to enable participation in broader markets as may be determined to be of value to a purchaser:

- Modification to Donnells Governor for more rapid response.
- Reconductor portion of Donnells/Curtis transmission line.
- Direct communication link with ISO and/or purchaser dispatch.
 - The existing metering communication link will need to be rerouted from its current PG&E link
- Coordinated operation agreement with PG&E regarding their Stanislaus Unit
 - Tri-Dam's Sand Bar Project output is sold to PG&E under a SO4 contract through the year 2017. The Sand Bar Project, a facility of the Tri-Dam Power Authority, is not a part of this RFP.

GENERAL TERMS FOR POWER PURCHASE AGREEMENT

Tri-Dam has identified the following general objectives and responsibilities for inclusion in a Power Purchase Agreement:

- Project generating components would be considered a "package"; however for purposes of providing "renewables" the individual generating components could be segregated. The purchaser will be responsible for purchasing all project output in a manner consistent with project constraints.
- Transfer of ownership of the output will be at the generator bus with the purchaser being responsible for transmission thereof, unless otherwise agreed.
- Initial term of 5-10 years with options for renewal for full FERC License term (30-50 years)
- A negotiated and identified "sharing of risk" with regard to water year, loss of generation and other risks as valued against price.
- Mechanism to adjust price and risks at identified points.

- The purchaser will maintain an agreed upon credit rating during the contract period.
- The purchaser will be responsible for all Scheduling Coordinator functions with the CAISO as well as meeting all other CAISO requirements and procedures.
- Tri-Dam will operate and maintain the Project
- Tri-Dam will maintain the Project's license and ensure compliance with license requirements

CONTACT PERSONS

Should you have any questions regarding this solicitation, please contact Steve Felte, General Manager of Tri-Dam at (209) 965-3996, ext. 120 or SJF@TriDamProject.com.

Attachment A

Description of Tri-Dam Project's Beardsley/Donnells Hydroelectric Project.

GENERAL INFORMATION	
Owner and Operator	OID and SSJID, through the Tri-Dam Project
FERC Project Number	2005
Current License Term	January 1, 1955 – December 31, 2004 (Initial License)
Commercial Operation Began	1957
County	Tuolumne County
Watershed	Middle Fork Stanislaus River
Appropriative Water Rights for Power	Application Nos. A012873, A013309 and A012614
Federal Lands	Stanislaus National Forest, 790.2 acres within FERC Project Boundary
Non-Federal Lands	Approximately 1 acre of Licensee owned land
Project Recreation Facilities	None as part of FERC-licensed facilities
DONNELLS DEVELOPMENT	
Donnells Dam, Spillway, Outlet and Reservoir	
Location	Middle Fork of the Stanislaus River, River Mile 124.6
Construction Date	1955-1956
Donnells Dam	
<i>Hazard Classification</i>	<i>High</i>
<i>Type</i>	<i>Concrete arch</i>
<i>Height from Base of Dam</i>	<i>483 feet</i>
<i>Crest Elevation</i>	<i>4,917 feet</i>
<i>Crest Width</i>	<i>10 feet</i>
<i>Crest Length</i>	<i>960 feet</i>
Donnells Dam Spillway	
<i>Type</i>	<i>Overflow</i>
<i>Crest Elevation</i>	<i>4,898 feet</i>
<i>Length</i>	<i>220 feet</i>
<i>Control</i>	<i>Five radial gates each 35 feet by 19 feet</i>
<i>Hoist Number and Type</i>	<i>One traveling gate hoist</i>
Donnells Dam Low Level Outlet	

TABLE A2.0-1 (continued)

DONNELLS DEVELOPMENT	
Donnells Dam, Spillway, Outlet and Reservoir	
<i>Number</i>	<i>Two</i>
<i>Size</i>	<i>48 inches diameter and 16 inches diameter</i>
<i>Control</i>	<i>Manual (both)</i>
<i>Outlet Elevation</i>	<i>4,670 feet (both)</i>
<i>Maximum Flow Capacity</i>	<i>1,000 cfs and 333 cfs, respectively</i>
Donnells Reservoir	
<i>Normal Maximum Water Surface</i>	<i>4,916 feet</i>
<i>Normal Minimum Water Surface</i>	<i>4,720 feet</i>
<i>Drainage Area</i>	<i>230 square miles</i>
<i>Gross Storage</i>	<i>64,325 acre-feet</i>
<i>Usable Storage</i>	<i>59,325 acre-feet</i>
<i>Surface Area at Maximum Water Surface</i>	<i>425 acres</i>
<i>Length</i>	<i>2.2 miles</i>
<i>Maximum Width</i>	<i>2,500 feet</i>
<i>Maximum Depth</i>	<i>247 feet</i>
<i>Shoreline Length</i>	<i>6.1 miles</i>
Existing Minimum Flow Requirement	<ul style="list-style-type: none"> • As measured at a point about one-half mile downstream of Donnells Dam, the flow should not be less than 10 cfs at all times from May through October and 5 cfs from November through April, except in dry water years when the flow should not be less than 5 cfs at all times throughout the year. • As measured at the Hell's Half-Acre Bridge just upstream of Donnells Powerhouse, the flow should not be less than 32 cfs at all times from May

	through October and 16 cfs from November through April, except in dry water years when the flow should not be less than 16 cfs at all times throughout the year.
Nearby Special Areas	Carson-Iceberg Wilderness Area along north shore; Highway 108 Scenic Corridor on southeast shore; Wildlife Management Area along southwest shore; Niagara Creek and Falls Scenic and Geologic Area on south shore; proposed Wild and Scenic River ("Scenic" for Niagara Creek); and General Forest Area.
Closest Upstream Facility	Relief Dam, part of Pacific Gas and Electric Company's Spring Gap-Stanislaus Project, on Summit Creek 15.8 miles upstream
Closest Downstream Facility	Donnells Powerhouse, 8.3 miles downstream
Donnells Intake, Tunnel and Penstock	
Location	South side of the Middle Fork of the Stanislaus River
Donnells Tunnel Intake	
Number of Openings	One
Size	31 feet by 17.5 feet by 17.5 feet
Control	Hoist-operated intake gate
Intake Elevation	Top: 4,733 feet
Maximum Flow Capacity	750 cfs
Donnells Tunnel	
Type	Pressurized
Construction	Unlined tunnel with paved invert
Size	11 foot diameter Horseshoe
Length	37,065 feet
Maximum Flow Capacity	750 cfs
Donnells Penstock	
Number and Type	One Exposed
Construction	Riveted Steel with Dresser-type couplings
Size	81 inch outside diameter
Length	2,600 feet
Maximum Flow Capacity	770 cfs
Donnells Powerhouse	
Location	North side of Middle Fork of the Stanislaus River, River Mile 116.3
Structure	
Type	Concrete
Construction Date	1957

DONNELLS DEVELOPMENT	
Donnells Powerhouse	
Approximate Size	93 feet by 77 feet
Turbine	
Number of Units	One
Type	Vertical-axis Pelton
Manufacturer	Allis Chalmers
Rated Output	89,400 Hp
Maximum Capability	117,000 Hp at 1,325 feet of head
Rated Head	1,151 feet
Speed	240 rpm
Full Gate Discharge	770 cfs
Best Gate Turbine Efficiency	90.1%
Full Gate Turbine Efficiency	88.0%
Turbine Centerline Elevation	3,432 feet
Generator	
Type	AC
Manufacturer	Allis Chalmers
Rated Capacity (Manufacturer's Nameplate)	67,500 kVA (currently being updated to 72,000 kVA)
Maximum Capability	84,600 kVA
Power Factor	0.80
Voltage	13,800 volts
Speed	240 rpm
Efficiency	97% (assumed)
Governor	

Type	Digital Electric Actuator
Manufacturer	Woodward Governor Company
Turbine Shutoff Valve	
Type	Roto Valve
Manufacturer	Allis Chalmers
Diameter	54 inches
Operator	Spherical Valve
Control	Oil hydraulic pressure
Production	
Average Annual Discharge (last 25 years)	260,485 acre-feet (360 cfs)
Average Annual Generation	313,423,826 kWh
Existing Minimum Flow Requirement	None
Special Areas	Near Natural Area
Closest Downstream Facility	Donnells Powerhouse discharges directly into Beardsley Reservoir
Donnells Switchyard and Transmission Line	
Donnells Switchyard	
Location	Adjacent to Donnells Powerhouse
Size	50 feet by 150 feet
Main Generator Bus	13.8 kV
Main Transformers	22,500 – 30,000 kVA
Circuit Breakers	SF6-Gas
Associated Transmission Line	None
BEARDSLEY DEVELOPMENT	
Beardsley Dam, Spillway, Low Level Outlet and Reservoir	
Location	Middle Fork of the Stanislaus River, River Mile 112.2
Construction Period	1955-1956
Beardsley Dam	
Hazard Classification	High
Type	Rockfill
Height from Base of Dam	280 feet
Crest Elevation	3,405 feet
Crest Width	30 feet
Crest Length	1,000 feet

BEARDSLEY DEVELOPMENT	
Beardsley Dam, Spillway, Low Level Outlet and Reservoir	
Beardsley Dam Spillway	
Type	Overflow
Crest Elevation	3,368 feet
Length	180 feet
Control	four each 40 foot by 30 foot radial gates
Hoist Type	Pacific Coast Eng. 105,000 pounds Gate Hoist Drum
Beardsley Dam Low Level Outlet	
Number	One
Size	48 inches diameter
Control	Hollow Jet Valve
Outlet Elevation	3,140 feet
Maximum Flow Capacity	700 cfs
Beardsley Reservoir	
Normal Maximum Water Surface	3,397 feet
Normal Minimum Water Surface	3,261 feet
Drainage Area	309 square miles
Gross Storage	97,802 acre-feet
Usable Storage	72,644 acre feet
Surface Area at Maximum Water Surface	720 acres
Length	4.1 miles
Maximum Width	3,000 feet
Maximum Depth	250 feet
Shoreline Length	4.1 miles

Existing Minimum Flow Requirement	None
Nearby Special Areas	Within Highway 108 Scenic Corridor
Closest Downstream Facility	Beardsley Powerhouse, base of Beardsley Dam
Beardsley Tunnel Intake, Tunnel and Penstock	
Location	North side of Middle Fork of the Stanislaus River
Beardsley Tunnel Intake	
Number of Openings	One
Size	25 feet by 12 feet by 12 feet
Control	Hoist-operated intake gate
Intake Elevation	3,140 feet centerline elevation
Maximum Flow Capacity	800 cfs
Beardsley Tunnel	
Type	Pressurized
Construction	Concrete lined
Size	15.5-foot-diameter Horseshoe
Length	696 feet
Maximum Flow Capacity	800 cfs
Beardsley Penstock	
Number and Type	One Hinke
Construction	Riveted steel with Dresser-type couplings
Size	96-inch inside diameter
Length	742 feet
Maximum Flow Capacity	800 cfs
Beardsley Powerhouse	
Location	North side of Middle Fork Stanislaus River, River Mile 112.2
Structure	
Type	Concrete
Construction Date	1957
Approximate Size	63 feet by 65 feet
Turbine	
Number of Units	One
Type	Vertical-axis Francis

BEARDSLEY DEVELOPMENT	
Beardsley Powerhouse	
Manufacturer	Allis Chalmers
Rated Output	14,000 HP
Maximum Capability	19,000 HP
Rated Head	258 feet
Speed	300 RPM
Full Gate Discharge	620 cfs
Best Gate Turbine Efficiency	90.5%
Full Gate Turbine Efficiency	90.0%
Turbine Centerline Elevation	3,140 feet
Generator	
Type	AC
Manufacturer	Allis Chalmers
Rated Capacity (Manufacturer's Nameplate)	11,100 kVA
Maximum Capability	9,990 KW
Power Factor	0.90
Voltage	6,900
Speed	300 RPM
Efficiency	97.8%
Governor	
Type	Cabinet Actuator
Manufacturer	Allis Chalmers
Turbine Shutoff Valve	
Type	Butterfly
Manufacturer	Allis-Chalmers

Beardsley Powerhouse	
<i>Diameter</i>	<i>78 inches</i>
<i>Operator</i>	<i>Oil Hydraulic Pressure</i>
<i>Control</i>	<i>Hydraulic Pressure</i>
Production	
<i>Average Annual Discharge (last 20 years)</i>	<i>306,309 acre-feet (423 cfs)</i>
<i>Average Annual Generation</i>	<i>57,216,341 kWh</i>
Existing Minimum Flow Requirement	None
Special Areas	Within Highway 108 Scenic Corridor
Closest Downstream Facility	Beardsley Powerhouse discharges directly into Beardsley Afterbay
Beardsley Switchyard and Transmission Line	
Beardsley Switchyard	
<i>Location</i>	<i>Adjacent to Beardsley Powerhouse</i>
<i>Size</i>	<i>45 feet by 100 feet</i>
<i>Main Generator Buss</i>	<i>6,900 kV</i>
<i>Main Transformers</i>	<i>115 kVA</i>
<i>Circuit Breakers</i>	<i>OCB</i>
Associated Transmission Line	None
Beardsley Afterbay Dam, Spillway, Low Level Outlet and Reservoir	
Location	Middle Fork of the Stanislaus River, River Mile 111.2
Construction Period	1955-1956
Beardsley Afterbay Dam	
<i>Hazard Classification</i>	<i>Low</i>
<i>Type</i>	<i>Timber crib and rockfill</i>
<i>Height from Base of Dam</i>	<i>30 feet</i>
<i>Crest Elevation</i>	<i>3,137 feet</i>
<i>Crest Width</i>	<i>52 feet</i>
<i>Crest Length</i>	<i>112 feet</i>
Beardsley Afterbay Dam Spillway	
<i>Type</i>	<i>Overflow</i>
<i>Crest Elevation</i>	<i>3,135.24 feet</i>

BEARDSLEY DEVELOPMENT	
Beardsley Afterbay Dam, Spillway, Low Level Outlet and Reservoir	
<i>Length</i>	<i>114 feet</i>
<i>Control</i>	<i>Overflow/free spill</i>
<i>Hoist Type</i>	<i>None</i>
Beardsley Afterbay Dam Low Level Outlet	
<i>Number</i>	<i>One</i>
<i>Size</i>	<i>72-inch square</i>
Control	Slide gate
<i>Outlet Elevation</i>	<i>3,150 feet centerline</i>
<i>Maximum Capacity</i>	<i>500 cfs</i>
Beardsley Afterbay Reservoir	
<i>Normal Maximum Water Surface</i>	<i>3,135 feet</i>
<i>Normal Minimum Water Surface</i>	<i>3,130 feet</i>
<i>Drainage Area</i>	<i>316 square miles</i>
<i>Gross Storage</i>	<i>355 acre-feet</i>
<i>Usable Storage</i>	<i>121 acre-feet</i>
<i>Surface Area at Maximum Water Surface</i>	<i>33 acres</i>
<i>Length</i>	<i>1.0 mile</i>
<i>Maximum Width</i>	<i>400 feet</i>
<i>Maximum Depth</i>	<i>20 feet</i>
<i>Shoreline Length</i>	<i>9,420 feet</i>
Existing Minimum Flow Requirement	None for Beardsley/Donnells Project license. Per Article 38 of the Sand Bar Project license (#2975), 50 cfs at all times in dry years and 135 cfs or inflow to Beardsley Afterbay, whichever is less in normal and wet years.
Nearby Special Areas	Within Highway 108 Scenic Corridor
Closest Downstream Facility	Spring Gap Powerhouse, part of Pacific Gas and Electric Company's Spring Gap-Stanislaus Project, 1.6 miles downstream

Description of Tri-Dam Project's Tulloch Hydroelectric Project.

GENERAL INFORMATION	
Owner and Operator	Tri-Dam Project
FERC Project Number	2067
Current License Term	January 1, 1955 - December 31, 2004 (Initial license)
Year Commercial Operation Began	1958
Counties	Tuolumne and Calaveras
Watershed	Stanislaus River
Appropriative Water Rights for Power	Application No. A013310
Federal Lands	37.2 acres managed by USBR and USBLM
Non-Federal Lands	1,295.82 acres within the FERC Project boundary
Associated Recreation Facilities	None as part of the FERC-licensed facilities
TULLOCH DEVELOPMENT	
Tulloch Dam, Spillway Intake and Reservoir	
Location	Stanislaus River, River Mile 60.2
Construction Period	1955-1957
Tulloch Dam	
<i>Hazard Classification</i>	<i>High</i>
<i>Type</i>	<i>Concrete Gravity</i>
<i>Height from Base of Dam</i>	<i>200 feet</i>
<i>Crest Elevation</i>	<i>515 feet</i>
<i>Crest Width</i>	<i>12 feet</i>
<i>Crest Length</i>	<i>1,600 feet</i>
Tulloch Dam Spillway	
<i>Type</i>	<i>Overflow</i>
<i>Crest Elevation</i>	<i>481 feet</i>
<i>Length</i>	<i>325 feet</i>
<i>Control</i>	<i>7 radial gates, each 40 feet by 30 feet</i>
<i>Hoist Type</i>	<i>Electric</i>

Tulloch Dam Low Level Outlet	
<i>Number</i>	<i>Two</i>
<i>Size</i>	<i>66 inches each</i>
<i>Control</i>	<i>Howell Bunger Valve</i>
<i>Outlet Elevation</i>	<i>380 feet each</i>
<i>Maximum Capacity</i>	<i>1,600 cfs each at 100 percent open</i>
Tulloch Reservoir	
<i>Normal Maximum Water Surface</i>	<i>510 feet</i>
<i>Normal Minimum Water Surface</i>	<i>431 feet</i>
<i>Drainage Area</i>	<i>980 square miles</i>
<i>Gross Storage</i>	<i>66,968 acre-feet</i>
<i>Usable Storage</i>	<i>52,139 acre-feet</i>
<i>Surface Area at Maximum Water Surface</i>	<i>1,260 acres</i>
<i>Length</i>	<i>9.8 miles</i>
<i>Maximum Width</i>	<i>2,000 feet</i>
<i>Maximum Depth</i>	<i>149 feet</i>
<i>Shoreline Length</i>	<i>30.9 miles</i>
Existing Minimum Flow Requirement	None
Nearby Special Areas	None
Closest Upstream Facility	New Melones Dam, part of Federal Central Valley Project, immediately upstream.

Closest Downstream Facility	Tulloch Powerhouse at base of Tulloch Dam
Tulloch Intake and Penstock	
Location	North side of Stanislaus River
Tulloch Tunnel Intake	
Number of Openings	Two
Size	114 inches each
Control	Hoist-operated intake gates
Intake Elevation	415.0 feet each
Maximum Flow Capacity	890 cfs
Tulloch Penstock	
Number and Type	Two Exposed
Construction	Riveted Steel imbedded in concrete
Size, length	114-inch inside diameter
Length	157 feet
Maximum Flow Capacity	890 cfs
Tulloch Powerhouse	
Location	Stanislaus River, River Mile 60.2
Structure	
Type	Concrete
Construction Period	1955-1957
Approximate Size	100 feet by 52 feet
Turbine	
Number of Units	Two
Type	Vertical-axis Francis
Manufacturer	Kobe Steel
Rated Output	12,000 HP Unit 1; 12,900 HP Unit 2
Maximum Capability	9,000 kW
Rated Head	149 feet
Speed	240 RPM
Full Gate Discharge	900 cfs
Best Gate Turbine Efficiency	90%

Full Gate Turbine Efficiency	81%
Turbine Centerline Elevation	362 feet
Generator	
Type	AC
Manufacturer	Elliott Company
Rated Output	11,000 kVA
Maximum Capability	11,000 KW
Power Factor	0.90
Voltage	6,900 volts
Speed	240 RPM
Efficiency	97.5%
Governor	
Type	HR – Motor Driven
Manufacturer	Woodward Gov. Co.
Turbine Shutoff Valve	None
Production	
Average Annual Discharge (since 1986)	800,641 acre-feet (1,106 cfs)
Average Annual Generation	92,874,743 kWh
Existing Minimum Flow Requirement	None
Special Areas	None
Closest Downstream Facility	Goodwin Reservoir located immediately downstream formed by Goodwin Dam, located 1.8 miles downstream at RM 58.4

Tulloch Switchyard and Transmission Line	
Tulloch Switchyard	
<i>Location</i>	Next to Tulloch Powerhouse
<i>Size</i>	<i>50 feet by 30 feet</i>
<i>Main Generator Buss</i>	<i>6,900</i>
<i>Main Transformers</i>	<i>115 kV</i>
<i>Circuit Breakers</i>	<i>SF 6 Gas</i>
Associated Transmission Line	None

Attachment B

TRI-DAM ANNUAL ADJUSTED NET GENERATION IN KWH

YEAR	DONNELLS	BEARDSLEY	TULLOCH	PROJECT TOTAL
1958	356,361,330	62,403,861	99,047,937	517,813,128
1959	194,972,452	37,110,172	55,948,923	288,031,547
1960	242,952,533	42,834,545	57,872,043	343,659,121
1961	186,833,122	27,391,820	45,804,989	260,029,931
1962	303,069,018	51,121,737	86,697,485	440,888,240
1963	326,723,636	62,366,113	93,326,354	482,416,103
1964	250,515,866	50,542,963	80,682,289	381,741,118
1965	448,740,080	82,052,639	120,639,219	651,431,938
1966	327,614,994	57,190,451	79,016,224	463,821,669
1967	369,503,923	72,114,667	106,677,526	548,296,116
1968	264,613,832	49,465,308	73,497,903	387,577,043
1969	421,686,969	81,734,711	105,430,028	608,851,708
1970	352,284,845	76,252,863	106,990,496	535,528,204
1971	362,306,816	70,778,336	107,238,854	540,324,006
1972	294,360,338	56,636,431	83,719,334	434,716,103
1973	339,184,820	63,128,708	109,784,750	512,098,278
1974	374,043,489	79,967,129	113,497,536	567,508,154
1975	356,763,840	62,817,481	99,130,003	518,711,324
1976	150,213,376	26,585,927	41,920,701	218,720,004
1977	82,282,443	(485,776)	11,212,631	93,009,298
1978	391,257,194	67,334,820	100,737,871	559,329,885
1979	319,072,711	66,986,460	107,903,703	493,962,874
1980	450,984,161	81,183,512	108,254,731	640,422,404
1981	271,612,888	43,338,424	80,932,653	395,883,965
1982	502,142,715	87,897,959	117,310,026	707,350,700
1983	466,218,388	87,801,002	126,651,617	680,671,007
1984	434,088,951	82,847,205	127,101,546	644,037,702
1985	268,972,853	50,928,814	114,058,115	433,959,782
1986	392,548,346	75,453,656	114,589,609	582,591,611
1987	143,367,589	22,012,800	90,030,650	255,411,039
1988	164,505,567	18,831,846	90,628,344	273,965,757
1989	310,730,833	59,988,509	85,684,289	456,403,631

1990	192,199,684	29,585,500	87,125,332	308,910,516
1991	220,851,357	37,166,646	70,627,634	328,645,637
1992	181,750,849	24,923,127	76,644,922	283,318,898
1993	367,130,860	66,217,372	85,296,996	518,645,228
1994	191,315,591	29,352,604	89,657,491	310,325,686
1995	392,424,962	72,679,343	88,257,115	553,361,420
1996	403,820,347	77,417,274	120,296,139	601,533,760
1997	410,985,757	81,748,903	118,785,600	611,520,260
1998	369,367,558	70,164,118	129,154,840	568,686,516
1999	345,125,360	70,495,212	114,253,034	529,873,606
2000	318,037,233	59,194,716	103,835,320	481,067,269
2001	215,682,578	29,301,615	91,820,162	336,804,355
2002	311,244,777	55,867,684	92,618,862	459,731,323
AVERAGE	312,010,374	56,905,093	93,564,263	462,479,730
TOTAL	14,040,466,832	2,560,729,207	4,210,391,826	20,811,587,865
MEDIAN	326,723,636	62,366,113	93,326,354	482,416,103

Attachment C

EXPRESSION OF INTEREST

Tri-Dam Project

Name of Respondent: _____

Company Name: _____

Contact Person: _____

Title/Position: _____

Courier Address: _____

Mailing Address: _____

Telephone: _____

Fax: _____

Legal name of party that will actually be bound by any resulting contracts with Tri-Dam, if different from above:

Form Completed By: _____

Signature: _____

Title/Position: _____ Date _____

Telephone: _____

This form should be completed and returned to Tri-Dam Project on or before December 19, 2003. The form may be sent by facsimile, e-mail (sjf@tridamproject.com), courier service or US Mail. Tri-Dam's facsimile number is (209) 965-4235. Tri-Dam's mailing address is P.O. Box 1158, Pincrest, CA 95364 and Tri-Dam's street address for courier deliveries is **31885 Old Strawberry Road, Strawberry, CA 95375**.

Attachments:

- Financial Statement
- Load Forecast
- Generation Resources
- Use of Project Output

**PG&E Electric Advice Filing List
General Order 96-A, Section III(G)**

ABAG Power Pool
Aglet Consumer Alliance
Agnews Developmental Center
Ahmed, Ali
Alcantar & Elsesser
Anderson Donovan & Poole P.C.
Applied Power Technologies
APS Energy Services Co Inc
Arter & Hadden LLP
Avista Corp
Barkovich & Yap, Inc.
BART
Bartle Wells Associates
Blue Ridge Gas
Bohannon Development Co
BP Energy Company
Braun & Associates
C & H Sugar Co.
CA Bldg Industry Association
CA Cotton Ginners & Growers Assoc.
CA League of Food Processors
CA Water Service Group
California Energy Commission
California Farm Bureau Federation
California ISO
Calpine
Calpine Corp
Calpine Gilroy Cogen
Cambridge Energy Research Assoc
Cameron McKenna
Cardinal Cogen
Cellnet Data Systems
Chevron Texaco
Childress, David A.
City of Glendale
City of Healdsburg
City of Palo Alto
City of Redding
CLECA Law Office
Constellation New Energy
Cooperative Community Energy
CPUC
Creative Technology
Crossborder Inc
CSC Energy Services
Davis, Wright Tremaine LLP
Davis, Wright, Tremaine, LLP
Defense Fuel Support Center
Department of the Army
Department of Water & Power City
Dept of the Air Force
DGS Natural Gas Services
DMM Customer Services
Douglass & Liddell
Downey, Brand, Seymour & Rohwer
Duke Energy
Duke Energy North America
Duncan, Virgil E.
Dutcher, John
Dynegy Inc.
Ellison Schneider
Energy Law Group LLP
Energy Management Services, LLC
Enron Energy Services
Exeter Associates
Foster, Wheeler, Martinez
Franciscan Mobilehome
Future Resources Associates, Inc
G. A. Krause & Assoc
Gas Transmission Northwest Corporation
GLJ Energy Publications
Goodin, MacBride, Squeri, Schlotz &
Hanna & Morton
Heeg, Peggy A.
Hogan Manufacturing, Inc
House, Lon
Imperial Irrigation District
Integrated Utility Consulting Group
International Power Technology
J. R. Wood, Inc
JTM, Inc
Kaiser Cement Corp
Korea Elec Power Corp
Marcus, David
Masonite Corporation
Matthew V. Brady & Associates
Maynor, Donald H.
McKenzie & Assoc
McKenzie & Associates
Meek, Daniel W.
Mirant California, LLC
Modesto Irrigation Dist
Morrison & Foerster
Morse Richard Weisenmiller & Assoc.
New United Motor Mfg, Inc
Norris & Wong Associates
North Coast Solar Resources
Northern California Power Agency
PG&E National Energy Group
Pinnacle CNG Company
PITCO
PPL EnergyPlus, LLC
Praxair, Inc.
Price, Roy
Product Development Dept
R. M. Hairston & Company
R. W. Beck & Associates
Recon Research
Regional Cogeneration Service
RMC Lonestar
Sacramento Municipal Utility District
SCD Energy Solutions
Seattle City Light
Sempra
Sempra Energy
Sequoia Union HS Dist
SESCO
Sierra Pacific Power Company
Silicon Valley Power
Simpson Paper Company
Smurfit Stone Container Corp
Southern California Edison
SPURR
St. Paul Assoc
Stanford University
Sutherland, Asbill & Brennan
Tabors Caramanis & Associates
Tansev and Associates
Tecogen, Inc
TFS Energy
TJ Cross Engineers
Transwestern Pipeline Co
Turlock Irrigation District
U S Borax, Inc
United Cogen Inc.
URM Groups
Utility Cost Management LLC
Utility Resource Network
Wellhead Electric Company
Western Hub Properties, LLC
White & Case
WMA