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November 15, 2012

ADVICE LETTER 2421-E

(San Diego Gas & Electric Company ID U 902-E)

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

SUBJECT: SAN DIEGO GAS & ELECTRIC'S RENEWABLE AUCTION MECHANISM ("RAM") SOLICITATION PROTOCOLS AND POWER PURCHASE AGREEMENT FOR NOVEMBER 2012 RAM SOLICITATION.

I. PURPOSE OF THE ADVICE LETTER

In compliance with the California Public Utilities Commission's ("CPUC" or "Commission") Resolution E-4546 adopted on November 8, 2012, San Diego Gas & Electric Company ("SDG&E") respectfully submits this advice letter to demonstrate compliance with Ordering Paragraphs ("OPs") No. 2 through 12 of the Resolution and to make other non-material changes to its RAM solicitation protocols ("RAM RFO") and RAM Power Purchase Agreement ("RAM PPA").

II. BACKGROUND

On December 18, 2010, the CPUC approved the RAM program in Decision 10-12-048 (the "RAM Decision"). The RAM Decision directed the IOUs to hold four auctions over the two year period and to submit bidding protocols and standard contracts through a Tier 3 advice letter. In August 2011, the IOUs' advice letters were approved with modification in Resolution E-4114 which adopted program implementation details, bidding protocols, and a standard RAM contract.

SDG&E issued its first RAM solicitation on October 17, 2011 and bids were due on November 15, 2011. SDG&E received 32 bids from 19 counterparties and selected two solar photovoltaic projects for a total of 15 MWs. SDG&E submitted RAM PPAs for each project for Commission approval on April 3, 2012 through Advice Letter 2343-E.

SDG&E issued its second RAM RFO on May 1, 2012 with a RAM 2 target of 45 MWs¹. SDG&E received 79 bids from 23 counterparties and executed four contracts for a total of approximately 38 MWs. The RAM PPAs from the second RAM RFO were submitted for Commission approval on November 9, 2012 through Advice Letter 2418-E. SDG&E intends

¹ Decision 12-02-022 approved SDG&E's request to merge its Solar Energy Program ("SEP") obligation to procure 74 MWs of solar photovoltaic generation pursuant to power purchase agreements, with its RAM obligation to procure 81 MWs of renewable generation. As a result, SDG&E filed Advice Letter 2232-E-D increasing SDG&E's total RAM obligation from 81 to 155 MWs in order to incorporate the SEP capacity into its RAM program. The 45 MW target for the second RAM auction reflects the addition of SEP capacity.

to issue the third RAM RFO on November 19, 2012 and will target the following capacity from each of the CPUC approved product categories:

Product	Target Capacity (MW)
Baseload	6
Peaking As-Available	40
Non-Peaking-As Available	6
Total (MW)	52

III. COMPLIANCE WITH RESOLUTION E-4546

The table below summarizes the changes to SDG&E's RAM RFO and RAM PPA required by Resolution E-4546.

OP	Required Change	Demonstration of Compliance
5	<p>RAM product performance should, in addition, require the following minimum deliveries</p> <ul style="list-style-type: none"> • 140% of expected annual net energy production based on two years of rolling production for as-available non-peaking projects. • 160% of expected annual net energy production based on two years of rolling production for as-available peaking projects. • 90% of expected annual net energy production based on one year of rolling production for baseload projects. • There should be no minimum guaranteed energy performance requirement for small hydro projects seeking to participate in RAM. 	SDG&E has incorporated the required changes into its RAM PPA in 3.1(e) as provided in Attachment B. The PPA now reflects the new Guaranteed Energy Performance requirements.
6	For a project bidding with full capacity deliverability status, each of the investor-owned utilities shall require either: (A) that a Seller be obligated to achieve full deliverability by a date certain in its PPA, consistent with the direction given in Resolution E-4489, or (B) that a Seller designate the amount of resource adequacy benefit, if any, the Seller will provide for each month of the year during the contract term. Under either option, the Seller may not supply resource adequacy from a third-party, nor may Seller provide resource adequacy benefits in excess of the Net Qualifying Capacity of its facility.	3.1(j) of SDG&E's RAM PPA provided in Attachment B reflects option A, consistent with the direction given in Resolution E-4489
7	Each of the investor-owned utilities is authorized to include a provision allowing the	SDG&E will continue utilizing the same enforcement mechanism implemented

	utility to pursue fixed, liquidated damages if a Seller fails to meet its resource adequacy obligations pursuant to the terms of its PPA. Alternatively, the investor-owned utilities have the option to continue utilizing the same enforcement mechanism that the utility implemented pursuant to Resolution E-4489 to enforce a Sellers obligation to deliver resource adequacy benefits.	pursuant to Resolution E-4489 as set forth in section 4.1 (b) and (c) of the RAM PPA provided in Attachment B.
8	Each of the investor-owned utilities shall adjust energy payments by either energy-only or full capacity deliverability status time of delivery (TOD) factors dependent on whether or not the project has attained full capacity deliverability status and is providing resource adequacy benefits at the time of payment pursuant to its obligations in its RAM PPA	Section 4.1 (b) and (c) of SDG&E's RAM PPA provided in Attachment B provide the TOD factors for projects receiving energy only or full capacity deliverability status payments.
9	An existing facility may participate in RAM without restriction if the existing facility is not currently delivering energy pursuant to an existing contractual agreement with PG&E, SDG&E, or SCE' or if such an agreement exists but it is scheduled to terminate within 24 months of the proposed effective date of the utility's PPA from that RAM auction, as estimated by that utility's RAM Bidding Protocol	SDG&E has updated its RFO accordingly at section 3 (Eligibility Requirements).
10	Each of the investor-owned utilities shall have the authority to stop payment for output in excess of 110% of the maximum possible output at the facility's contracted capacity during any settlement interval or TOD period	Section 4.1(d) of SDG&E's RAM PPA provided in Attachment B has been updated accordingly.
11	Each of the investor-owned utilities shall have the authority to reduce energy payments to 75% of the RAM PPA price for any energy deliveries in excess of 115% of the facility's contracted annual generation.	Section 4.1(d) of SDG&E's RAM PPA provided in Attachment B has been revised to reflect new provision regarding excess energy deliveries.
12	Each of the investor-owned utilities shall have the authority to require a \$60 and \$90 per kW for intermittent and baseload resources, respectively, and a performance deposit of 5% of expected total project revenues.	Section 8.3(a)(i) and (ii) of SDG&E's RAM PPA provided in Attachment B has been revised to reflect the new provisions regarding security.

IV. OTHER NON-SUBSTANTIVE CHANGES TO RFO MATERIALS

A. Changes to RAM RFO

Section	Summary of Changes
Section 1.0 Background	<ul style="list-style-type: none"> Provided brief history of prior RAM solicitation, updated decision and resolution links, and targets for current solicitation.

	<ul style="list-style-type: none"> Adjusted/updated the schedule to accommodate for the November RAM Solicitation dates. Added language to clarify that those projects with a completed interconnection agreement are eligible. Clarified deliverability study requirements. Clarified that SDG&E can seek approval of RAM contracts individually or file multiple contracts in one advice letter.
Section 2.0 Procurement Process	<ul style="list-style-type: none"> Updated targets for current solicitation. Clarified deliverability study requirements. Added language indicating that SDG&E, for those projects shortlisted, will provide a form RAM PPA redlined to reflect the relevant and appropriate provisions for the project. This change: 1) reduces the burden on Respondents of including a redlined PPA when submitting an offer; and 2) allows SDG&E to provide to a shortlisted bidder a correctly redlined PPA which should improve execution efficiency.
Section 3.0 Requirements	<ul style="list-style-type: none"> Added language indicating that existing facilities may participate in RAM without restriction provided the existing facility is not currently delivering energy pursuant to an existing contractual agreement with SDG&E, PG&E, or SCE, or if such an agreement exists but it is scheduled to terminate with 24 months of the proposed effective date of the utility's PPA from that RAM auction, as estimated by that utility's RAM Bidding Protocol. This language was added in order to comply with Resolution E-4546. SDG&E proposes to eliminate the provision from its RAM RFO bidding protocol that prohibits projects from siting on contiguous land in an effort to level the playing field for small developers. SDG&E contends that the provision is difficult to enforce and does not accomplish its intended goal. SDG&E maintains that removal of this provision does not change the fact that Sellers may not sell smaller portions of larger projects into RAM in an attempt to avoid the 20 MW maximum project size. Clarified that the minimum contract size is greater than 3 MW installed capacity, and deleted provisions regarding aggregated projects. Added language to clarify that if shortlisted, Respondent's site and interconnection documents should be in the name of the same entity that will execute the RAM PPA or have been assigned to such entity by the time Respondent accepts its position on the shortlist. Corrected various typographical errors. Updated language to reflect that there will be zero payment for output in excess of 110% of the contracted capacity and a reduced payment equal to 75% of the PPA price for energy deliveries in excess of 115% of the contracted annual generation. This language was added in order to comply with Resolution E-4546. Updated language in Credit Terms and Conditions to reflect the following security amounts: Development Period Security; \$60 and \$90 kW for intermittent resources and baseload resources respectively, Delivery Terms Security; 5% of the expected total revenues over the term of the PPA. This language was added in order to comply with Resolution E-4546.
Section 4.0	<ul style="list-style-type: none"> Updated language to reflect the fact that SDG&E will be accepting bids via email as opposed to utilizing username/password and offer upload link.

	<ul style="list-style-type: none"> • Clarified that Respondents may propose two pricing options per project: one that reflects FCDS and one that reflects Energy Only. • Removed language requiring Respondent's to submit a redlined PPA with their bid materials. The process and reason for this is captured in the third bullet of Section 2.0 above.
Section 5.0	<ul style="list-style-type: none"> • Updated and corrected various typographical errors.
Section 6.0	<ul style="list-style-type: none"> • Adjusted/updated the schedule to accommodate for the November RAM Solicitation dates.
Section 7.0	<ul style="list-style-type: none"> • Updated language to reflect the fact that SDG&E will be accepting bids via email as opposed to utilizing username/password and offer upload link.
Section 8.0	<ul style="list-style-type: none"> • Clarifications to the RFO Rejection of Offers language.
Section 9.0	<ul style="list-style-type: none"> • Clarifications to the RFO Confidentiality language. Clarified confidentiality rules for bidders who share common owners or advisors.
Section 10.0	<ul style="list-style-type: none"> • Updated language to reflect current laws, regulations, and legislation as to current RPS requirements.
Section 11.0	<ul style="list-style-type: none"> • Removed language regarding SDG&E's transmission network.

B. Changes to RAM PPA

Section	Explanation of Changes
Cover Sheet	<ul style="list-style-type: none"> • Clarified to whose attention Notices should be sent • Updated SDG&E Credit and Collections address
Definitions	<ul style="list-style-type: none"> • Removed definition of Aggregated Project • Indicated and clarified which definitions apply to existing Projects for Commercial Operation and Commercial Operation Date • Indicated and clarified which definitions apply when Buyer is SC but Project is not PIRP eligible for Contract Energy • Clarified in definition of Dispatch Down Period that curtailment by PTO can be for construction • Clarified in definition of Energy Price that has the meaning set forth in 4.1(a) • Indicated and clarified which definitions apply to existing Projects for Guaranteed Commercial Operation Date and Guaranteed Energy Production • Clarified in definition of Imbalance Energy that it is the amount of Energy in any given settlement interval • Clarified that Interest Rate definition for Commercial Paper is Non-financial rather than Prime • Updated the definition of Investment Tax Credit to include hydroelectric • Indicated and clarified which definitions apply to existing Projects for Milestones • Inserted definition of Performance Tolerance Band to further ensure that Sellers deliver the amounts of energy that they schedule • Indicated and clarified which definitions apply to existing Projects for Remedial Action Plan • Inserted definition of Renewable Generation Equipment Provider and deleted definition of Turbine Supplier to provide a more accurate definition • Inserted definition of TOD Delivery Cap pursuant to Resolution E-4546

	<p>which allows 110% of the contracted capacity to be based not only on any settlement interval but over any TOD period</p> <ul style="list-style-type: none"> Deleted definition of Transmission Provider
<p>Interpretation</p> <p>1.2(d)</p>	<ul style="list-style-type: none"> Deleted reference to Aggregate Project
<p>Obligations of the Parties</p> <p>Section 2.2(a), (b)</p>	<ul style="list-style-type: none"> Section 2.2(a) of the PPA, "Delete for existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement" has been added to differentiate between existing and new projects. Section 2.2(b) of the PPA, changed "Sections" to "Section" to reflect proper tense
<p>Condition Precedent</p> <p>Section 2.3</p>	<ul style="list-style-type: none"> Section 2.3 of the PPA, updated language to reflect proper tense
<p>Failure to Meet the Condition Precedent</p> <p>Section 2.4</p>	<ul style="list-style-type: none"> Section 2.4 of the PPA, updated language to reflect proper tense, moved language as to termination right for failure to meet a condition precedent from a stand-alone paragraph into 2.4(b)
<p>Obligation and Deliveries</p> <p>Section 3.1(d), (f)</p>	<ul style="list-style-type: none"> Section 3.1(d) of the PPA, updated and clarified which language is applicable to project's with transmission level interconnection and those with distribution level interconnection. Section 3.1(f) of the PPA, updated language to reflect Resolution E-4546 which requires Sellers with FCDS to sell all their RA to Buyer and no other third party
<p>Obligation and Deliveries</p> <p>Section 3.3(b)(v)</p>	<ul style="list-style-type: none"> Section 3.3(b)(v) of the PPA, added language for as-available non-PIRP participants that Seller is responsible for imbalances, which better ensures that Sellers deliver the energy which they schedule and does not expose Buyer to unnecessary imbalance charges
<p>Obligations and Deliveries</p> <p>Section 3.6(c)</p>	<ul style="list-style-type: none"> Section 3.6(c) of the PPA, clarified that PIRP participants are required to get a meteorological station
<p>Obligations and Deliveries</p> <p>Section 3.9</p>	<ul style="list-style-type: none"> Section 3.9 of the PPA, "Delete for existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement" has been added to differentiate between existing and new projects. Section 3.9(a)(vi), page 33, deleted "each calendar quarter" and replaced it with "the sixth month" to avoid confusion. Semi-annual reports are to be submitted twice a year, not quarterly.
<p>Compensation; Monthly Payments</p> <p>Section 4.1(a)</p>	<ul style="list-style-type: none"> Section 4.1(a) of the PPA, clarified when language is applicable or not for when Buyer is SC but Project is not PIRP eligible and when SDG&E is SC for the Project and the Project is PIRP eligible.
<p>Compensation; Monthly Payments</p>	<ul style="list-style-type: none"> Section 4.1(c) of the PPA, revised incorrect language to reflect Seller achieving FCDS rather than Buyer Section 4.1(c) of the PPA, clarified when language is applicable or not for

Section 4.1(c)	when Buyer is SC but Project is not PIRP eligible and when SDG&E is SC for the Project and the Project is PIRP eligible.
Compensation; Monthly Payments Section 4.2	<ul style="list-style-type: none"> Section 4.2 of the PPA, clarified when language is applicable or not for when SDG&E is SC for the Project and the Project is PIRP eligible and when Buyer is SC but Project is not PIRP eligible.
Compensation; Monthly Payments Section 4.4	<ul style="list-style-type: none"> Section 4.4 of the PPA, added language to differentiate applicability of the PPA section as to existing and new projects.
Events of Default; Force Majeure Section 5.1(ii), (iv)	<ul style="list-style-type: none"> Section 5.1(ii), (iv) of the PPA, added language to differentiate applicability of the PPA section as to existing and new projects.
Insurance, Credit, and Collateral Requirements Section 8.3	<ul style="list-style-type: none"> Typographical errors. Section 8.3(a)(i) and (ii), replacing Section 8.4 with Section 8.3. Should read, "8.3(b)(i)," and "8.3(b)(ii)."
Miscellaneous 13.1(b)	<ul style="list-style-type: none"> Section 13.1(b) of the PPA, added language to differentiate applicability of the PPA section as to existing and new projects.
Project Description Including Description of Site Exhibit A	<ul style="list-style-type: none"> Inserted table to provide additional information as the Project Specifications to further assist in monitoring project development
Project Milestones Exhibit B	Simplified the milestone schedule by reducing the number of milestones and making it more general to fit all types of generation. Also added the term "If Applicable." Certain Milestones may not apply to existing projects and can be listed as completed (with supporting documentation) and/or removed from the Milestone Schedule prior to execution.
Commercial Operation Certificate Exhibit D	<ul style="list-style-type: none"> Added language to differentiate applicability of the PPA section as to existing and new projects

C. Changes to RAM Project Description Form

Section	Explanation of Changes
Eligibility Criteria	<ul style="list-style-type: none"> Removed references to restriction on projects located on contiguous land.

	<ul style="list-style-type: none"> Deleted references to aggregated projects. Clarified that site control and interconnection documents must be in the name of the party signing the PPA if the project is shortlisted. Clarified that a completed interconnection agreement satisfies the interconnection eligibility requirement.
PPA Summary	<ul style="list-style-type: none"> Requested additional information about optional PPA provisions.
Schedule	<ul style="list-style-type: none"> Added a milestone schedule to be completed by bidders.
Operational Characteristics	<ul style="list-style-type: none"> Requested additional information regarding operational characteristics of excess sales projects.
Throughout	<ul style="list-style-type: none"> Updates/clarifications to the form, such as: clarifications to the eligibility criteria and other non-material changes to the form such as re-wording.

D. Change to RAM Pricing Form

Section	Explanation of Changes
Bid Form Tab	<ul style="list-style-type: none"> Deleted note indicating that only one pricing form per project will be considered. Added space for security amounts to be calculated. Provided space for bidder to indicate IOU service area at project location.

V. **EFFECTIVE DATE**

This filing is classified as Tier 1 pursuant to Resolution E-4546. SDG&E respectfully requests that this filing become effective on November 15, 2012, which is the date of this advice letter.

VI. **PROTEST**

Anyone may protest this advice letter to the California Public Utilities Commission. The protest must state the grounds upon which it is based, including such items as financial and service impact, and should be submitted expeditiously. The protest must be made in writing and received by December 5, 2012 which is 20 days of the date this advice letter was filed with the Commission. There is no restriction on who may file a protest. The address for mailing or delivering a protest to the Commission is:

CPUC Energy Division
 Attention: Tariff Unit
 505 Van Ness Avenue
 San Francisco, CA 94102

Copies should also be sent via e-mail to the Energy Division at EDTariffUnit@cpuc.ca.gov. It is also requested that a copy of the protest be sent via electronic mail and facsimile to SDG&E on the same date it is mailed or delivered to the Commission (at the addresses shown below).

Attn: Megan Caulson
 Regulatory Tariff Manager
 8330 Century Park Court, Room 32C
 San Diego, CA 92123-1548
 Facsimile No. 858-654-1879

E-Mail: MCaulson@semprautilities.com

VII. NOTICE

In accordance with General Order No. 96-B, a copy of this filing has been served on the utilities and interested parties shown on the attached list, including interested parties in A.08-07-017 and R.11-05-005, by either providing them a copy electronically or by mailing them a copy hereof, properly stamped and addressed.

Address changes should be directed to SDG&E Tariffs by facsimile at (858) 654-1879 or by e-mail to SDG&ETariffs@semprautilities.com.

CLAY FABER
Director – Regulatory Affairs

Attachments:

- Attachment A –November 12 RAM RFO
- Attachment B – November 2012 RAM PPA
- Attachment C – November 2012 RAM Project Description Form
- Attachment D1 –November 2012 RAM Off Peak and Baseload Pricing Form
- Attachment D2 – November 2012 RAM Peak Pricing Form
- Attachment E – Redline of RAM RFO (shows changes made to the RAM 2 RFO)
- Attachment F – Redline of RAM PPA (shows changes made to the RAM 2 PPA)
- Attachment G – Redline of RAM Project Description Form (shows changes made to the RAM 2 Project Description Form)
- Attachment H1 – Redline of RAM Off Peak and Baseload Pricing Form (shows changes made to RAM 2 Off Peak and Baseload Pricing Form)
- Attachment H2 – Redline of RAM Peak Pricing Form (shows changes made to RAM 2 Peak Pricing Form)

CALIFORNIA PUBLIC UTILITIES COMMISSION

ADVICE LETTER FILING SUMMARY ENERGY UTILITY

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

Company name/CPUC Utility No. **SAN DIEGO GAS & ELECTRIC (U 902)**

Utility type:

ELC GAS
 PLC HEAT WATER

Contact Person: Joff Morales

Phone #: (858) 650-4098

E-mail: jmorales@semprautilities.com

EXPLANATION OF UTILITY TYPE

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

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: 2421-E

Subject of AL: SDG&E Renewable Auction Mechanism ("RAM") Solicitation Protocols and Power Purchase Agreement for November 2012 RAM Solicitation

Keywords (choose from CPUC listing): Procurement, RAM,

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

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

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: None

Summarize differences between the AL and the prior withdrawn or rejected AL¹: N/A

Does AL request confidential treatment? If so, provide explanation: No

Resolution Required? Yes No

Tier Designation: 1 2 3

Requested effective date: 11/15/2012

No. of tariff sheets: 0

Estimated system annual revenue effect (%): N/A

Estimated system average rate effect (%): N/A

When rates are affected by AL, include attachment in AL showing average rate effects on customer classes (residential, small commercial, large C/I, agricultural, lighting).

Tariff schedules affected: None

Service affected and changes proposed¹: No m

Pending advice letters that revise the same tariff sheets: None

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

CPUC, Energy Division
Attention: Tariff Unit
505 Van Ness Ave.,
San Francisco, CA 94102
EDTariffUnit@cpuc.ca.gov

San Diego Gas & Electric
Attention: Megan Caulson
8330 Century Park Ct, Room 32C
San Diego, CA 92123
mcaulson@semprautilities.com

¹ Discuss in AL if more space is needed.

General Order No. 96-B
ADVICE LETTER FILING MAILING LIST

cc: (w/enclosures)

Public Utilities Commission

DRA

Y. Schmidt
W. Scott

Energy Division

P. Clanon
S. Gallagher
H. Gatchalian
D. Lafrenz
M. Salinas

CA. Energy Commission

F. DeLeon
R. Tavares

Alcantar & Kahl LLP

K. Harteloo

American Energy Institute

C. King

APS Energy Services

J. Schenk

BP Energy Company

J. Zaiontz

Barkovich & Yap, Inc.

B. Barkovich

Bartle Wells Associates

R. Schmidt

Braun & Blaising, P.C.

S. Blaising

California Energy Markets

S. O'Donnell
C. Sweet

California Farm Bureau Federation

K. Mills

California Wind Energy

N. Rader

CCSE

S. Freedman
J. Porter

Children's Hospital & Health Center

T. Jacoby

City of Chula Vista

M. Meacham
E. Hull

City of Poway

R. Willcox

City of San Diego

J. Cervantes
G. Lonergan
M. Valerio

Commerce Energy Group

V. Gan

Constellation New Energy

W. Chen

CP Kelco

A. Friedl

Davis Wright Tremaine, LLP

E. O'Neill
J. Pau

Dept. of General Services

H. Nanjo
M. Clark

Douglass & Liddell

D. Douglass
D. Liddell
G. Klatt

Duke Energy North America

M. Gillette

Dynegy, Inc.

J. Paul

Ellison Schneider & Harris LLP

E. Janssen

Energy Policy Initiatives Center (USD)

S. Anders

Energy Price Solutions

A. Scott

Energy Strategies, Inc.

K. Campbell
M. Scanlan

Goodin, MacBride, Squeri, Ritchie & Day

B. Cragg
J. Heather Patrick

J. Squeri

Goodrich Aerostructures Group

M. Harrington

Hanna and Morton LLP

N. Pedersen

Itsa-North America

L. Belew

J.B.S. Energy

J. Nahigian

Luce, Forward, Hamilton & Scripps LLP

J. Leslie

Manatt, Phelps & Phillips LLP

D. Huard
R. Keen

Matthew V. Brady & Associates

M. Brady

Modesto Irrigation District

C. Mayer

Morrison & Foerster LLP

P. Hanschen

MRW & Associates

D. Richardson

OnGrid Solar

Andy Black

Pacific Gas & Electric Co.

J. Clark
M. Huffman
S. Lawrie
E. Lucha

Pacific Utility Audit, Inc.

E. Kelly

R. W. Beck, Inc.

C. Elder

School Project for Utility Rate
Reduction

M. Rochman

Shute, Mihaly & Weinberger LLP

O. Armi

Solar Turbines

F. Chiang

Sutherland Asbill & Brennan LLP

K. McCrea

Southern California Edison Co.

M. Alexander

K. Cini

K. Gansecki

H. Romero

TransCanada

R. Hunter

D. White

TURN

M. Florio
M. Hawiger

UCAN

M. Shames

U.S. Dept. of the Navy

K. Davoodi

N. Furuta

L. DeLacruz

Utility Specialists, Southwest, Inc.

D. Koser

Western Manufactured Housing
Communities Association

S. Dey

White & Case LLP


L. Cottle

Interested Parties

A.08-07-017

R.11-05-005



A  Sempra Energy utility®

**RAM PROGRAM
ADVICE LETTER 2421-E**

ATTACHMENT A
NOVEMBER 2012 RFO SEEKING
RAM POWER PURCHASE AGREEMENTS



SAN DIEGO GAS AND ELECTRIC COMPANY
ELECTRIC AND GAS PROCUREMENT DEPARTMENT
8315 CENTURY PARK COURT, CP21D
SAN DIEGO, CA 92123

SDG&E's RENEWABLE AUCTION MECHANISM

**NOVEMBER 2012
REQUEST FOR OFFERS
SEEKING
RAM
POWER PURCHASE AGREEMENTS**

ISSUED
NOVEMBER 19, 2012

OFFERS DUE
DECEMBER 21, 2012

RFO WEBSITE
<http://sdge.com/procurement/November2012-renewable-auction-mechanism>

EMAIL QUESTIONS/COMMENTS TO
RAMSolicitation@semprautilities.com



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1.0 BACKGROUND

San Diego Gas & Electric Company (SDG&E) is issuing its third Request for Offers (“RFO”) in support of its Renewable Auction Mechanism (RAM). The RAM, approved by the California Public Utilities Commission (CPUC) in Decision (D.) D.10-12-048¹ and modified by Resolution E-4414², Resolution E-4489³, and Resolution E-4546⁴ (together, the RAM Decision), supplements the State’s Renewable Portfolio Standard (RPS) program, complements the California Solar Initiative (CSI) program, promotes small-scale renewable development and may present local employment potential in California. SDG&E’s RAM program incorporates the directives of the RAM Decision. SDG&E’s RAM program is designed to procure a total of 155 MW over the course of four solicitations. SDG&E’s first and second RAM solicitations, held in November, 2011, and May 2012, respectively, resulted in the procurement of approximately 53 MW, leaving approximately 102 MW to procure over the course of the next two solicitations. The RAM calls for SDG&E to procure renewable energy capacity pursuant to 10, 15 and 20-year RAM Power Purchase Agreements (PPAs) with Independent Power Producers.

This solicitation is limited to seeking PPAs through the auction mechanism. This solicitation is not requesting bids for renewable energy credits, feed-in-tariff projects or other RPS procurement activities that currently exist or are being contemplated.

Participation from Diverse Business Enterprises:

SDG&E encourages Diverse Business Enterprises (DBEs), as defined in G.O. 156⁵, to participate in the RAM program. Additional information on SDG&E’s DBE program can be found at:

<http://www.sempra.com/about/supplier-diversity/>
and
<http://www.cpuc.ca.gov/puc/supplierdiversity/>

SDG&E’s DBE Program representatives will provide a presentation during the pre-bidding conference on November 28, 2012. DBEs can request additional information by contacting SDG&E at vendorrelations@semprautilities.com.

¹ For additional information please visit: http://docs.cpuc.ca.gov/PUBLISHED/FINAL_DECISION/123021.htm.

² Resolution E-4414 dated August 18, 2011. For additional information please visit:
<http://www.cpuc.ca.gov/NR/rdonlyres/D68F1B4C-D188-4F02-BF70-CC42BFBB0B71/0/E4414FinalResolution.pdf>

³ Resolution E-4489, Approving PG&E’s AL 4000-E with Modifications and Addressing Additional Issues on Energy Division’s Own Motion, dated April 19, 2012. For additional information please visit:
http://docs.cpuc.ca.gov/WORD_PDF/FINAL_RESOLUTION/164684.pdf

⁴ Resolution E-4546 dated November 8, 2012. For additional information please visit: :
<http://docs.cpuc.ca.gov/PublishedDocs/Published/G000/M033/K956/33956185.PDF>

⁵ See <http://www.thesupplierclearinghouse.com/eligibility/default.asp> for the definition of a DBE.



Products and Procurement Targets for Third RAM Solicitation:

SDG&E will solicit projects from three product categories, summarized in Table 1, that best meet both the state’s renewable energy goals and the purpose of the RAM Program: 1) Baseload products (generation resources which produce energy around-the clock); 2) Peaking As-Available products (generation resources whose energy production follows SDG&E’s hourly load profile during daytime hours); and 3) Non-Peaking As-Available products (generation resources whose energy production follows SDG&E’s off peak hours, usually during the evening hours). All three products must be located within the service territories of SDG&E, Pacific Gas & Electric Company (PG&E) or Southern California Edison Company (SCE). An example and summary of each product is summarized in Table 1 below. The procurement targets for each product are listed in Table 2 below.

Table 1. Summary of RAM Products

Product	Description
Baseload	<ul style="list-style-type: none"> - technologies run continuously (typically biomass, geothermal and run of river hydro) - ratio of off-peak to total annual deliveries between 43% and 53% - interconnects within the service territories of SDG&E, PG&E or SCE
Peaking As-Available	<ul style="list-style-type: none"> - peaking products (typically solar) - ratio of off-peak to total annual deliveries less than 43% - interconnects within the service territories of SDG&E, PG&E or SCE
Non-Peaking –As- Available	<ul style="list-style-type: none"> - off-peak technologies (typically wind) - ratio of off-peak to total annual deliveries greater than 53% - interconnects within the service territories of SDG&E, PG&E or SCE

Table 2. Procurement Target for Second RAM Auction

Product	Target Capacity (MW)
Baseload	6
Peaking As-Available	40
Non-Peaking-As Available	6
Total (MW)	52



INTERCONNECTION:

Respondents must have completed an interconnection agreement, System Impact Study, Phase I interconnection study, or have passed the Wholesale Distribution Access Tariff (WDAT) or California Independent System Operator (CAISO) Fast Track screens and provide a copy of the most recent completed agreement or study or evidence of having passed the Fast Track screening process with their offer. Transmission level projects that do not yet have a completed interconnection agreement are required to apply for interconnection through the CAISO Large Generator Interconnection Agreement/Small Generator Interconnection Agreement (LGIA/SGIA) process. Distribution level projects that do not yet have a completed interconnection agreement will be required to apply through SDG&E's or respective IOU's WDAT process. Projects interconnecting within SDG&E's service territory may visit: <http://www.sdge.com/business/interconnection.shtml> for additional information. **Respondents must incorporate all estimated non-reimbursable interconnection costs that are allocated to the project in their offer pricing.**

Respondents may provide bids for projects that will achieve Full Capacity Deliverability Status (FCDS), as defined by the CAISO Tariff and determined by the CAISO, or for projects that will not achieve FCDS (Energy Only). Respondents may also choose to provide both FCDS and Energy Only bids for the same project. SDG&E intends that FCDS projects will count towards SDG&E's Resource Adequacy (RA) obligations when possible. In order to achieve FCDS, a project must apply for a deliverability study to be conducted by the CAISO. Respondents with winning bids for FCDS projects must demonstrate that: (1) the project has been assessed for deliverability; or (2) the Respondent will request a deliverability assessment through the next available CAISO cluster window. This condition must be met for winning bids that will interconnect at either the distribution or transmission level.

To help potential Respondents assess the feasibility of project sites, SDG&E has established an interactive website. The website contains SDG&E's transmission system (69 kV and above), distribution system, circuit and substation area maps that Respondents may use to research approximate locations for project interconnection sites. SDG&E does not guarantee that projects can interconnect at any illustrated map location. The map is only one tool to help developers identify potential project interconnection sites. There are numerous factors that must be considered regarding interconnection, including project rated size, specific circuit and substation load, percent of generation on the circuit and substation, voltage, reactive power (VAR) and power factor considerations. Actual interconnection requirements and costs will be determined after detailed studies are performed for the specific location and project size. To view the interactive map, parties complete the registration form that can be accessed at: <http://sdge.com/builderservices/dgmap/>.

PPA/CPUC Approval:

Selected bidders will execute the RAM PPA. All PPAs resulting from the RAM program shall be subject to CPUC approval. SDG&E reserves the right to seek CPUC approval for contracts individually or to file multiple contracts in one advice letter that seeks independent approvals for each contract.



2.0 PROCUREMENT PROCESS

Respondents to this solicitation shall comply with the requirements described in this RFO document. By responding, Respondents are bound by the terms of this RFO. The RFO Procurement Process steps are presented as a flow chart in Figure 1.

All conforming offers will be evaluated in accordance with the Evaluation Criteria described in Section 5 of the RFO. SDG&E will select bids to meet the 52 MW auction target and the individual product targets by selecting the least expensive bids from each product category first. SDG&E may procure plus or minus 20 MW of the capacity targeted in each product category so long as the total capacity procured in each auction is plus or minus 20 MW of the total capacity target.

SDG&E recognizes the impact of interconnection costs on successful project development. Distribution level upgrade costs and/or any transmission level upgrade costs (other than network upgrades) allocated to the project shall be paid by the Respondent and such costs should be incorporated in the offer price based on the estimates provided in the most recent completed interconnection study, or equivalent estimates provided pursuant to the Fast Track process.

Transmission network upgrade costs are ultimately borne by ratepayers and therefore should not be included in a Respondent's offer price. As described in Section 5 below, SDG&E will add the estimated transmission network upgrade costs (other than non-reimbursable deliverability network upgrade costs) resulting from the most recent interconnection study to the respondent's bid price when ranking bids.

SDG&E recognizes the importance of distinguishing between projects that provide FCDS value and those that do not. Respondents may provide bids for FCDS projects or Energy Only projects. Respondents may also choose to provide both FCDS and Energy Only pricing options for the same project.

For FCDS bids, Respondents must: (1) have obtained or plan to obtain a deliverability study from the CAISO to determine what, if any, upgrades are required for the project to achieve FCDS; and (2) provide a date by which FCDS will be obtained. If the Respondent has obtained a deliverability study for the project, the Respondent must use the estimated completion date for deliverability upgrades that is provided in the study. If the Respondent has not obtained a deliverability study for the project, SDG&E will assume that the project will achieve FCDS on 1/1/2022. SDG&E will incorporate the value of obtaining FCDS in its evaluation process as described in Section 5 below.

If a bid that includes FCDS value is selected, the Respondent must demonstrate that: (1) the project has been assessed for deliverability; or (2) the Respondent will request a deliverability assessment through the next available CAISO cluster window. Costs to facilitate such studies will be borne by the Respondent at no additional cost to SDG&E.

The PPA for FCDS projects will provide for one price to be paid before the product achieves FCDS (Energy Only Price) and a second (higher) price to be paid after the project achieves FCDS (FCDS Price). The PPA will also require that the project must achieve FCDS by January 1, 2022.

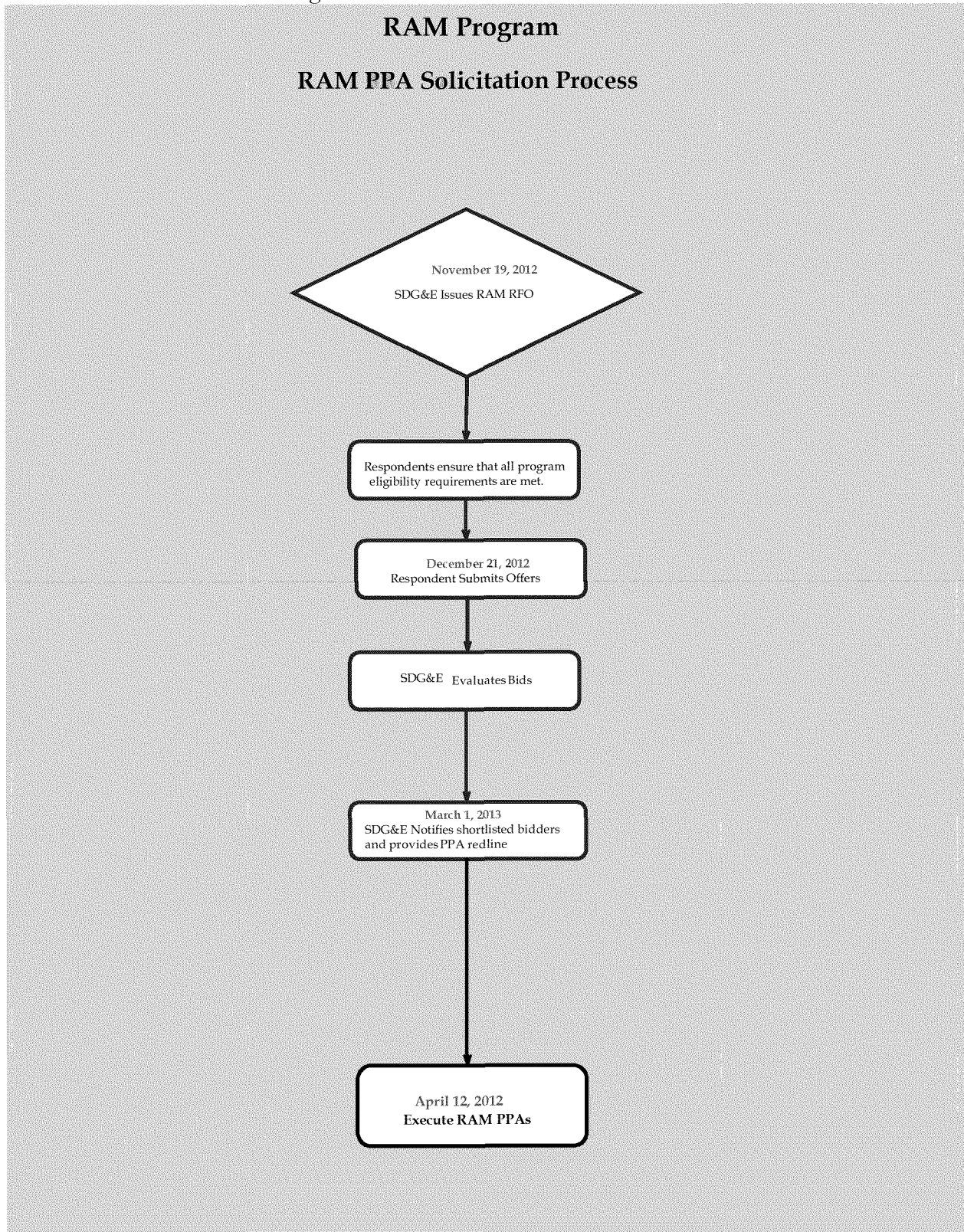


For bids that will not include FCDS value, Respondents do not need to obtain a deliverability study, and instead can proceed through the interconnection process as an Energy Only project. SDG&E will not include RA value in its evaluation of Energy Only bids, as described in Section 5 below. If selected, SDG&E would pay an Energy Only price for this product.

Bids that are selected will receive from SDG&E a form RAM PPA (which is available on SDG&E's RAM RFO Website) that is redlined to reflect the relevant provisions that are applicable to the proposed project as indicated by Respondent in their Project Description Form. The executed PPAs will be filed for Approval with the CPUC via a Tier 2 advice letter.



Figure 1. RAM PPA Solicitation Process





3.0 REQUIREMENTS

Respondents to this solicitation shall comply with the requirements herein. SDG&E, at its sole discretion, may change the terms, requirements and schedule of the solicitation. Respondents shall visit the RFO Website for announcements regarding any change.

A. PARTICIPATION/ELIGIBILITY CRITERIA

Terms of participation are listed below. Respondents not meeting all minimum participation criteria shall be deemed ineligible and their offers will not be considered.

Resource:

1. Resources must be CEC-certifiable as an eligible renewable resource;
2. Resources must utilize a commercially proven technology;
3. Resources must be new or existing facilities;
 - i. an existing facility may participate in RAM without restriction if the existing facility is not currently delivering energy pursuant to an existing contractual agreement with SDG&E, PG&E or SCE, or if such an agreement exists but it is scheduled to terminate within 24 months of the proposed effective date of the utility's PPA from that RAM auction, as estimated by that utility's RAM Bidding Protocol (e.g., April 12, 2013);
4. Resources must sell its entire output to SDG&E (full buy/sell) or all output in excess of onsite load to SDG&E (excess sales); and
5. The project must not sell partial output from a system sized above 20 MWs.

Project Capacity:

1. All capacity ratings specified in this RFO must be nameplate capacities for alternating current (ac) generation as provided to the transmission or distribution system. Offers that provide direct current (dc) ratings will be rejected for nonconformance;
2. Resources must provide a minimum contract size greater than 3 MW installed capacity; and
3. Project maximum size is 20 MW installed capacity.

Location/Site Control:

1. Project must be located within the service territories of PG&E, SCE or SDG&E; and
2. The Respondent must have, at time of bidding, site control for the duration of 10, 15 or 20-year power purchase agreement. A copy of one of the following forms of site control must be provided:
 - a. direct ownership
 - b. a lease



- c. an option to lease or purchase upon PPA approval. The option must be an exclusive option to the Bidder that will last until the completion of the RFO cycle.

Note: If shortlisted, Respondent's site control documents must be: 1) in the name of the same entity that will execute the RAM PPA, or 2) shall have been assigned to such entity by the time Respondent accepts its position on the shortlist.

Interconnection:

1. Respondents must have completed a System Impact Study, a Phase I interconnection study, or have passed WDAT or CAISO Fast Track screens; and
2. A copy of the most recent completed study or equivalent results from the Fast Track process must be included in the offer.

Note: If shortlisted, Respondent's interconnection documents must be: 1) in the name of the same entity that will execute the RAM PPA, or 2) shall have been assigned to such entity by the time Respondent accepts its position on the shortlist.

Developer Experience:

1. The Respondent and/or members of the project development team must have experience. Respondents must provide evidence of having completed, or begun construction, of a project using a technology similar to the offered technology, that is at least one MW installed capacity; and
2. The Respondent will maintain contractual control of the facilities and be responsible for development, land acquisition, permitting, financing and construction for the facilities. Respondents must provide a description of how operational control will be maintained.

Project Start Date:

1. Offers must provide an anticipated delivery start date that is within 24 months after the expected CPUC Approval date as indicated in the RFO schedule at Section 5 below.

Other Incentives Not Permitted:

1. Respondents shall not have sought CSI incentives for the projects being offered and shall not plan to seek CSI incentives for the entire term of the PPA;
2. Respondents shall not have participated in the Net Energy Metering (NEM) Program for the projects being offered and shall not participate in the NEM Program for the entire term of the PPA; and
3. Respondents shall not have sought or received any other benefits from the small generator incentive programs offered by the State of California or California utilities.



B. POWER PURCHASE AGREEMENT CRITERIA

Requirements contained within the non-negotiable RAM PPA attached to this RFO, include the following:

1. Resources may choose between two types of transactions:
 - a. Full Buy/Sell: facility sells 100% of its output to the utility and purchases any energy needed to service onsite load from the utility; or
 - b. Excess Sales: facility first offsets its onsite load and then sells excess energy to the utility.
2. Eligible resources must participate in the CAISO's Participating Intermittent Resource Program (PIRP) and comply with the Eligible Intermittent Resource Protocol.
3. Resources must:
 - a. obtain RPS certification for the project from the CEC;
 - b. execute a Participating Generator Agreement with the CAISO;
 - c. execute a Meter Service Agreement with the CAISO;
 - d. install a CAISO meter;
 - e. register the project with the Western Renewable Energy Generation Information System (WREGIS) and pay all associated fees so that monthly generation can be tracked and automatically reported for purposes of meeting the requirements of the RPS and automatically transferred to SDG&E; and
 - f. execute a CAISO Qualified Reporting Entity Service Agreement to allow CAISO, on the Respondent's behalf, to upload generation information directly into WREGIS.
4. Winning bidders must provide Development Period Security and Delivery Term Security for the project as described in Section C below.
5. For projects that will interconnect to a distribution system, Respondents must apply for distribution interconnection using the SDG&E WDAT process, or similar process for SCE and PG&E.
6. For projects that will interconnect to a transmission system, Respondents must apply for transmission interconnection using the CAISO LGIP/SGIP process.
7. Seller of projects that will achieve FCDS must obtain a CAISO deliverability study.
8. For FCDS projects, the PPA will provide an energy price adjusted by Time of Day (TOD) factors that include the value of FCDS. The TOD adjusted price will then be reduced by the Deliverability Value as calculated in section 5.D below, until the project achieves FCDS. Once the project achieves FCDS, the Deliverability Value will be added back to the TOD-adjusted energy price. For Energy Only projects, the PPA will provide an energy price adjusted by TOD factors that do not include the value of FCDS.
9. The RAM PPA will provide that FCDS project must achieve FCDS by January 1, 2022.
10. Before executing the RAM PPA, Respondents shall choose whether SDG&E shall be the scheduling coordinator for the project or whether another party shall be the scheduling coordinator.



11. There will be zero payment for output during any hour during the delivery period in excess of 110% of the contracted capacity, and a reduced payment equal to 75% of the PPA price for energy deliveries in excess of 115% of the contracted annual generation.
12. Respondents shall cooperate with SDG&E during the term of the agreement to provide financial statements, financial schedules and all necessary records to determine whether or not the project is subject to financial consolidation as required by Generally Accepted Accounting Principles (GAAP) and SEC rules. If it is determined that consolidation is necessary, Respondents shall continue to cooperate with SDG&E during term of the PPA to comply with all applicable rules.
13. By the Commercial Operation Date, resources must be certified as an RPS-eligible resource by the CEC.
14. Respondents must provide milestone updates.

C. CREDIT TERMS AND CONDITIONS

Development Period Security is due on or before the signing date of the PPA. A \$60 per kW deposit is required for intermittent resources, and a \$90 per kW deposit is required for baseload resources.

Delivery Term Security is required at COD. The Delivery Term Security is 5% of the expected total revenues over the term of the PPA. The Development Period Security will roll over to help satisfy the Delivery Term Security.

Credit support may be in the form of a Letter of Credit or cash. A pro forma Letter of Credit is contained within the RAM PPA.



4.0 RFO RESPONSE INSTRUCTIONS

Respondents may submit offers to this solicitation by completing the forms listed below. Forms are available on the RFO Website. The failure to provide the listed information may result in the proposal being deemed non-conforming and may disqualify the proposal from further consideration.

RFO Offer Submittal:

Any party interested in submitting an offer must submit the offer via electronic mail (email) to RAMSolicitation@semprautilities.com, which is the RAM RFO inbox, and attach all required forms and bid materials to the email. The Subject line of the email should be as follows: Bid Submission for SDG&E's 2012 Winter RAM RFO. A reply email from the RAM RFO inbox will be sent to the email address submitting the offer to confirm receipt of the offer.

Required Forms and Bid Materials:

1. **Project Description Form** – Submit one per project. Respondents will use this form to describe the Product for which they are submitting a bid, present the merits of the project and demonstrate that the participation criteria and resource criteria have been met. For example, within this form Respondents must present the project's financing plan and provide or attach evidence of site control.
2. **Pricing Form** – Submit up to two per project. Respondents may propose up to two pricing options per project; one that reflects the value of FCDS and one that is Energy Only. Pricing Forms must clearly indicate whether the bid is Energy Only or FCDS. Pricing must be TOD adjusted per the bid forms to be completed by Respondent.
3. **Interconnection Agreement, System Impact Study, a Phase I Interconnection Study, or Fast Track Documentation** – Submit a copy of the interconnection agreement, most recent study results or equivalent Fast Track documentation.
4. **Site Control Documentation** – Submit copies of site control documents demonstrating: a) direct ownership; b) a lease; or c) an option to lease or purchase upon PPA approval (must be an exclusive option to the Bidder that will last until the completion of the RFO cycle).

The Project Description Form must be in Word or Word-compatible format (not in PDF). The Pricing Form must be in Excel or Excel-compatible format (not in PDF). The interconnection and site control documentation must be submitted in PDF format.

Submitting Offers:

All offers must be emailed to RAMSolicitation@semprautilities.com no later than 12:00 p.m. (i.e. Noon), Pacific Standard Time, on the CLOSING DATE (see RFO Schedule). The Subject line of the email should be as follows: Bid Submission for SDG&E's 2012 Winter RAM RFO. A reply



email from the RAM RFO inbox will be sent to the email address submitting the offer to confirm receipt of the offer. If Respondents encounter technical difficulties with emailing, they should provide evidence of such difficulties (e.g. a screen shot of the error message) and email the bid again to the RAM RFO inbox by 1:00 p.m., Pacific Standard Time, on the Closing Date. If the Respondent encounters further technical difficulties with the RAM RFO inbox, they should provide evidence of such difficulties (e.g. a screen shot of the error message or a sent email notice with a time stamp before 1:00 p.m. on the Closing Date) and submit a hard copy **and a CD** of the bid package to SDG&E and the Independent Evaluator at the addresses below by close of business on the day following the Closing Date.

San Diego Gas & Electric Company
Electric and Fuel Procurement Department
Attn: RAM RFO Response
8315 Century Park Court, CP21D
San Diego, CA 92123-1593

Barbara Sands
PA Consulting Group
1700 Lincoln Street
Suite 4600
Denver, CO 80203

All offer materials submitted shall be subject to the confidentiality provisions of Section 9 Confidentiality of this RFO.

SDG&E will review and may utilize all information, if any, submitted by a Respondent that is not specifically requested as a part of any forms. During all stages of the RFO process, SDG&E reserves the right to request additional information from individual Respondents or to request any Respondent to submit supplemental materials in fulfillment of the content requirements of this RFO or to meet additional information needs. SDG&E also reserves the unilateral right to waive any technical or format requirements contained in the RFO.

Respondents offering the same projects to multiple solicitations or other contracting opportunities are hereby advised that if SDG&E notifies Respondent that their offer is selected as a winning bid, the Respondent must decide within 10 days whether to accept its standing as a winning bidder and immediately withdraw their offer from all other solicitations/contracting opportunities or risk being disqualified from continuing participation in the RAM program. Respondents shall confirm such withdrawal by submitting to SDG&E a copy of the written correspondence sent to all other solicitations/opportunities pertaining to such withdrawal while granting SDG&E permission to contact the other solicitors to confirm the withdrawal. **ALL OFFERS SHALL BE VALID AND BINDING UPON THE RESPONDENT AFTER BEING SELECTED AS A WINNING BIDDER UNTIL CONTRACT EXECUTION.**



SDG&E WILL NOT REIMBURSE RESPONDENTS FOR THEIR EXPENSES UNDER ANY CIRCUMSTANCES, REGARDLESS OF WHETHER THE RFO PROCESS PROCEEDS TO A SUCCESSFUL CONCLUSION OR IS ABANDONED BY SDG&E IN ITS SOLE DISCRETION.



5.0 EVALUATION CRITERIA

SDG&E will utilize all required forms and narratives, as provided pursuant to Section 4, to evaluate all offers. Respondents are responsible for the accuracy of all discussions, figures and calculations they submit. Errors discovered during evaluation may impact a Respondent's standing on the short-list.

Respondents must conform to minimum participation criteria and minimum resource criteria in order to be considered. Each Respondent will submit an offer for a single Product, selected from one of the three Product categories described in Table 1.

QUANTITATIVE EVALUATION

SDG&E uses a quantitative price measure, the Bid Ranking Price, to rank and select from the proposed projects. The Bid Ranking Price is comprised of the Levelized Contract Cost, as adjusted by the Time of Day Adjustment, the Transmission Network Upgrade Cost Adder and the Deliverability Adder. Elements of the Bid Ranking Price are described below.

A. LEVELIZED CONTRACT COST.

Bid Prices (provided by the Respondent in the Pricing Form) shall be for each MWh generated by the Project over the term of the PPA. The Levelized Contract Cost shall be computed as follows:

The Bid Cost for each year is computed by multiplying the Bid Price in that year by the Expected Energy Delivery for that year. Bid Costs are then summed for each year divided by the Discount Factor for the year, where the Discount Factor is equal to 1 plus the Discount Rate (SDG&E's regulated rate of return of 8.4%), raised to the power of the original Contract Year. These discounted Bid Costs are then summed to produce the present value of the Bid Cost.

The same present value method is then applied to the Expected Energy Deliveries to produce a present value of Expected Energy Deliveries. The Levelized Contract Cost is the present value of Bid Costs divided by the present value of Expected Energy Deliveries.

B. TIME-OF-DAY ADJUSTMENT

SDG&E accounts for differences in the value of various delivery profiles in its evaluation. This is done through the use of a Time-of-day (TOD) Adjustment. This adjustment is for evaluation purposes and distinct from energy price that will be calculated in the PPA. Energy deliveries will be allocated to TOD Periods based upon the Respondent's Delivery Profile, as submitted with the offer, or calculated by SDG&E in accordance with reasonable industry practice. Bid Prices for each year are multiplied by the TOD Factors for each TOD Period to produce a TOD Price.



TOD Adjustment for FCDS Bids:

Bids submitted as fully deliverable projects will have their Bid Prices for each year multiplied by the TOD Factors that are adjusted for FCDS value (FCDS TOD Factors) for each TOD Period to produce a FCDS TOD Price.

Note Regarding PPA Pricing for FCDS Bids: For purposes of determining the PPA price for FCDS projects, for years in which the project has not yet achieved FCDS, the FCDS TOD Price for each TOD period will be reduced by the Deliverability Value as calculated in Section 5.D below to reflect the fact that the project will not provide such value until it has achieved FCDS. Once the project achieves FCDS value, the Deliverability Value will be added back to the FCDS TOD Price.

TOD Adjustment for Energy Only Bids:

Bids submitted as energy-only projects will have their Bid Prices for each year multiplied by the Energy Only TOD Factors for each TOD Period to produce an Energy-Only TOD Price.

TOD Period	Period Days and Hours	FCDS Time-of-day Factor	Energy Only Time-of-day Factor
Winter On-Peak	Nov 1 - Jun 30 Weekdays 1 pm to 9 pm PST (HE 14 to HE 21)	1.089	1.192
Winter Semi-Peak	Nov 1 - Jun 30 Weekdays 6 am to 1 pm PST (HE 7 to HE 13) Weekdays 9 pm to 10 pm PST (HE 22)	0.947	1.078
Winter Off-Peak	Nov 1 - Jun 30 All Weekend Hours NERC Holiday Hours and Weekday Hours not already considered On-Peak or Semi-Peak	0.679	0.774
Summer On-Peak	Jul 1 - Oct 31 Weekdays 11 am to 7 pm PST (HE 12 to HE 19)	2.501	1.531
Summer Semi-Peak	Jul 1 - Oct 31 Weekdays 6 am to 11 am PST (HE 7 to HE 11) Weekdays 7 pm to 10 pm PST (HE 20 to HE 22)	1.342	1.181
Summer Off-Peak	Jul 1 - Oct 31 All Weekend Hours, NERC Holiday Hours and Weekday Hours not already considered On-Peak or Semi-Peak	0.801	0.900

C. TRANSMISSION NETWORK COST ADDER

SDG&E calculates the impact to ratepayers of any required transmission level network upgrade costs (other than deliverability network upgrade costs) that the CAISO indicates will be necessary pursuant to the most recent interconnection study results provided with the offer package.

Any interconnection costs, except for transmission level network upgrade costs, should be incorporated in the offer price. Transmission level network upgrade costs (other than deliverability network upgrade costs) from the relevant CAISO study will be divided by the project's total output



in MWhs discounted by SDG&E's regulated rate of return of 8.4%. The resulting \$/MWh number will be added to the Levelized Contract Cost, as adjusted by the Time-of-Day Adjustment, to determine the Bid Ranking Price.

D. DELIVERABILITY VALUE AND DELIVERABILITY ADDER

SDG&E will use the following process to establish the value of achieving FCDS (Deliverability Value).

1. Determine Baseload MPR

SDG&E will determine the baseload MPR applicable to each project based on the project's start date and contract term. SDG&E will use the most recent MPR value available in this evaluation process. 2011 MPR values can be found in CPUC Resolution E-4442 at http://docs.cpuc.ca.gov/WORD_PDF/FINAL_RESOLUTION/154753.PDF.

2. Establish Energy Only and FCDS Payment Streams Using MPR as Base Price

Step 1: SDG&E will establish the FCDS TOD adjusted payment streams for each year of the project's term by multiplying the applicable MPR by the total MWhs to be delivered in each TOD Period by the applicable FCDS TOD Factor. For example:

$$\text{FCDS Payment Stream} = (\text{MPR}) \times (\text{Annual MWhs delivered in each TOD Period}) \times (\text{applicable FCDS TOD Factor})$$

Step 2: SDG&E will establish the Energy Only Payment Stream by multiplying the applicable MPR by the total MWhs to be delivered in each TOD Period by the applicable Energy Only TOD Factor. For example:

$$\text{Energy Only Payment Stream} = (\text{MPR}) \times (\text{Annual MWhs delivered in each TOD Period}) \times (\text{applicable Energy Only TOD Factor})$$

3. Establish Present Value of Energy Only and FCDS Payment Streams

Step 1: Determine the Total FCDS Payment Stream for the project by calculating the sum of the FCDS Payment Streams for each TOD Period for each year of the project's term. Then calculate a present value of the total. For example:

$$\text{Total FCDS Payment Stream} = (\text{Year 1 FCDS Payment Stream}) + (\text{Year 2 FCDS Payment Stream}) + (\text{Year 3 Payment Stream}) + (\text{continue through project term})$$

$$\text{PV of Total FCDS Payment Stream} = (\text{Year 1 FCDS Payment Stream}) + (\text{Year 2 FCDS Payment Stream}) \text{ divided by } (1.084) + (\text{Year 3 FCDS Payment Stream}) \text{ divided by } (1.084^2) + (\text{continue through project term})$$



Step 2: Determine the Total Energy Only Payment Stream for the project by calculating the sum of the Energy Only Payment Streams for each TOD Period for each year of the project's term. Then calculate a present value of the total. For example:

Total Energy Only Payment Stream = (Year 1 Energy Only Payment Stream) + (Year 2 Energy Only Payment Stream) + (Year 3 Energy Only Payment Stream) + (continue through project term)

PV of Total Energy Only Payment Stream = (Year 1 Energy Only Payment Stream) + (Year 2 Energy Only Payment Stream) divided by (1.084) + (Year 3 Energy Only Payment Stream) divided by (1.084²) + (continue through project term)

4. Establish FCDS Payment Premium for Each TOD Period

In order to determine the additional payments required for FCDS projects ("FCDS Payment Premium"), SDG&E will calculate the difference between the PV of Total FCDS Payment Stream and PV of Energy Only Payment Stream for each TOD Period. For example:

FCDS Payment Premium for Summer On Peak TOD Period = (PV of Total FCDS Payment Stream for Summer On Peak TOD Period) – (PV of Total Energy Only Payment Stream for Summer On Peak TOD Period). Repeat this step for each TOD Period.

Note: if the result of this calculation is less than zero, the FCDS Payment Premium for that TOD Period will be zero.

5. Establish Total FCDS Payment Premium

SDG&E will establish a Total FCDS Payment Premium by calculating the sum of the FCDS Payment Premiums for each TOD Period. For example:

Total FCDS Payment Premium = (Summer On Peak FCDS Payment Premium) + (Summer Semi-Peak FCDS Payment Premium) + (Summer Off Peak FCDS Payment Premium) + (Winter On Peak FCDS Payment Premium) + (Winter Semi-Peak FCDS Payment Premium) + (Winter Off Peak FCDS Payment Premium)

6. Establish Deliverability Value

SDG&E will use the following steps to calculate the Deliverability Value for each project based on the Total FCDS Payment Premium:

Step 1: Divide the Total FCDS Payment Premium by the PV of the total deliveries for the project over the term.

Deliverability Value = (Total FCDS Payment Premium) / (PV of total MWhs over project term)



Step 2: Adjust the Deliverability Value to account for whether the project will provide local or system RA. Projects bid as FCDS within SDG&E's local area will be assigned 100% of the Deliverability Value. Projects bid as FCDS outside of SDG&E's local area will be assigned a Deliverability Value at 60% of the Deliverability Value.

7. Establish Deliverability Adder Based on Deliverability Value

In order to determine the Bid Ranking Price for each project, SDG&E must adjust the Bid Price based on the Deliverability Value.

The table below indicates the type of Deliverability Adder that would be applied to various project types.

INTERCONNECTION TYPE	IN SDG&E AREA	IN CALIFORNIA ISO; OUTSIDE SDG&E AREA
FCDS	Deliverability Adder = 0	Deliverability Adder = 40% of Deliverability Value
ENERGY-ONLY	Deliverability Adder = 100% of Deliverability Value	Deliverability Adder = 60% of Deliverability Value

* A map of SDG&E's local area is provided in Section 11 below.

BID SELECTION PROCESS

Once SDG&E has established a Bid Ranking Price for each offer, it will chose the projects with the least expensive Bid Ranking Price within each product category in an effort to procure the capacity targeted for each product category.

SDG&E will distinguish between similarly priced bids by:

- a. Choosing a project owned by a DBE, as defined in Section 1 above; or
- b. if neither project is owned by a DBE, select projects from smallest to largest



BID CONFORMANCE EVALUATION

In addition to the quantitative elements described above, SDG&E may also reject an offer if:

1. SDG&E uncovers evidence of market manipulation in the auction process;
2. SDG&E determines the offer is not competitive with known market prices;
3. A lack of bids, or a lack of suppliers, indicate that the market for a specific product is not sufficiently broad and diverse to constitute a competitive solicitation (e.g. the offer is the only offer made within the product category to which it is assigned, or the offer is provided by the same bidder or bidder parent entity as other offers within the product category to which it is assigned, and there are no other bidders or bidder parent entities making offers within the same product category);
4. SDG&E cannot confirm the projected deliveries;
5. The Respondent does not provide adequate evidence it meets minimum participation criteria;
6. There is a question as to whether or not the projects meet minimum resource criteria;
7. Acceptance of the offer would cause excessive reliance upon a single provider in the solicitation, or in SDG&E's overall renewable energy portfolio. (SDG&E shall provide any details of such seller concentration limit in the Tier 2 advice letter containing the executed contracts);
8. The Respondent cannot fulfill the terms and conditions of the RAM PPA; and/or,
9. The Respondent is unable to comply with RFO timing and other solicitation requirements.



6.0 RFO SCHEDULE

The following schedule and deadlines apply to this RFO. SDG&E reserves the right to revise this schedule at anytime and in SDG&E's sole discretion. Respondents are responsible for monitoring the RFO Website for updated schedules and possible amendments to the RFO or the solicitation process.

NO.	ITEM	DATE
1.	RFO Issued	November 19, 2012
2.	Pre-Bidder's Conference	November 28, 2012
3.	SDG&E begins accepting bids	December 3, 2012
4.	DEADLINE TO SUBMIT QUESTIONS Question submittal cut-off date. Answers to all questions will be posted on SDG&E's website no later than 12/11/12.	December 6, 2012
6.	DEADLINE TO SUBMIT RAM OFFERS/CLOSING DATE Offers must be received via email at RAMSolicitation@semprautilities.com no later than NOON Pacific Standard Time	December 21, 2012
7.	NOTIFICATION TO WINNING BIDDERS	March 1, 2013
8.	BIDDERS ACCEPTANCE/WITHDRAWAL LETTER due from Winning Bidders indicating: a) Withdrawal from SDG&E's solicitation; OR b) Acceptance of standing as a winning bid; withdrawal from participating in any other solicitation and evidence of withdrawal notice to all other solicitors	March 11, 2013
9.	SDG&E issues appreciation notices to unsuccessful Respondents	April 12, 2013
10.	Execute PPAs for targeted 52MW	April 12, 2013
11.	SDG&E submits Tier 2 Advice Letter with PPAs to CPUC for approval	May 17, 2013
12.	Anticipated CPUC approval (prior to any appeal and/or suspension)	June 17, 2013

PRE-BID CONFERENCE

SDG&E will host one pre-bid conference on November 28, 2012 from 1:00 PM to 5:00 PM via WebEx. Participation in the pre-bid conference is NOT mandatory in order to submit an offer. Please monitor the RFO Website periodically for updates and participation instructions.

Any party interested in attending this pre-bid conference should email the following information to RAMSolicitation@semprautilities.com.

- Company name
- Attendees' names, titles and contact information



7.0 RFO WEBSITE AND COMMUNICATION

The RFO and all subsequent revisions and documents are available for download from the RFO Website. Potential Respondents are responsible for monitoring the RFO Website for subsequent updates, notices and postings.

The RFO website contains RFO forms and documents, RFO Schedule, and a Question and Answer forum.

All questions or other communications regarding this RFO must be submitted via email to RAMSolicitation@semprautilities.com by the DEADLINE TO SUBMIT QUESTIONS as specified in Section 6 RFO Schedule. SDG&E will not accept questions or comments in any other form.

RFO WEBSITE

<http://sdge.com/procurement/November2012-renewable-auction-mechanism>

EMAIL QUESTIONS/COMMENTS TO
RAMSolicitation@semprautilities.com



8.0 REJECTION OF OFFERS

SDG&E SHALL TREAT ALL RESPONDENTS FAIRLY AND EQUALLY AND SHALL EVALUATE ALL OFFERS IN GOOD FAITH. SDG&E MAKES NO GUARANTEE THAT A CONTRACT AWARD SHALL RESULT FROM THIS RFO EVEN AFTER AN OFFER HAS BEEN SELECTED AS A WINNING BID. SDG&E RESERVES THE RIGHT AT ANY TIME, AT ITS SOLE DISCRETION, TO ABANDON THIS RFO PROCESS, TO CHANGE THE BASIS FOR EVALUATION OF OFFERS, TO TERMINATE FURTHER PARTICIPATION IN THIS PROCESS BY ANY PARTY, TO ACCEPT ANY OFFER OR TO ENTER INTO ANY DEFINITIVE AGREEMENT, TO EVALUATE THE QUALIFICATIONS OF ANY RESPONDENT OR THE TERMS AND CONDITIONS OF ANY OFFER, OR TO REJECT ANY OR ALL OFFERS, ALL WITHOUT NOTICE AND WITHOUT ASSIGNING ANY REASONS AND WITHOUT LIABILITY OF SEMpra ENERGY, SDG&E, OR ANY OF THEIR SUBSIDIARIES, AFFILIATES, OR REPRESENTATIVES TO ANY RESPONDENT. SDG&E SHALL HAVE NO OBLIGATION TO CONSIDER ANY OFFER.



9.0 CONFIDENTIALITY

EXCEPT WITH THE PRIOR WRITTEN CONSENT OF SDG&E, RESPONDENTS MAY NOT DISCLOSE (OTHER THAN BY ATTENDANCE ALONE AT ANY MEETING TO WHICH MORE THAN ONE RESPONDENT IS INVITED BY SDG&E) TO ANY OTHER RESPONDENT OR POTENTIAL RESPONDENT THEIR PARTICIPATION IN THIS RFO, AND RESPONDENTS MAY NOT DISCLOSE, COLLABORATE ON, OR DISCUSS WITH ANY OTHER RESPONDENT, OFFER STRATEGIES OR THE SUBSTANCE OF OFFERS, INCLUDING WITHOUT LIMITATION THE PRICE OR ANY OTHER TERMS OR CONDITIONS OF ANY INDICATIVE OR FINAL OFFER.

SDG&E WILL USE THE HIGHER OF THE SAME STANDARD OF CARE IT USES WITH RESPECT TO ITS OWN PROPRIETARY OR CONFIDENTIAL INFORMATION OR A REASONABLE STANDARD OF CARE TO PREVENT DISCLOSURE OR UNAUTHORIZED USE OF RESPONDENT'S CONFIDENTIAL AND PROPRIETARY INFORMATION THAT IS LABELED AS "PROPRIETARY AND CONFIDENTIAL" ON THE OFFER PAGE ON WHICH THE PROPRIETARY INFORMATION APPEARS ("CONFIDENTIAL INFORMATION"). RESPONDENT SHALL SUMMARIZE ELEMENTS OF THE OFFER(S) IT DEEMS CONFIDENTIAL. CONFIDENTIAL INFORMATION MAY BE MADE AVAILABLE ON A "NEED TO KNOW" BASIS TO SDG&E'S DIRECTORS, OFFICERS, EMPLOYEES, CONTRACTORS, CONSULTANTS, THE INDEPENDENT EVALUATOR, AGENTS AND ADVISORS ("REPRESENTATIVES") FOR THE PURPOSE OF EVALUATING RESPONDENT'S OFFER, BUT SUCH REPRESENTATIVES SHALL BE REQUIRED TO OBSERVE THE SAME CARE WITH RESPECT TO DISCLOSURE AS SDG&E.

NOTWITHSTANDING THE FOREGOING, EACH RAM PARTICIPANT ACKNOWLEDGES AND EXPRESSLY AUTHORIZES SDG&E TO PUBLICLY DISCLOSE THE FOLLOWING INFORMATION IN THE ADVICE LETTER SEEKING APPROVAL OF RAM PPAs, AS REQUIRED BY THE CPUC: (1) NAMES OF THE COMPANIES THAT SUBMITTED OFFERS INTO SDG&E'S RAM RFO; (2) NUMBER OF OFFERS RECEIVED BY EACH COMPANY; (3) NUMBER OF OFFERS RECEIVED AND SELECTED AS WINNING BIDS BY SDG&E; (4) PROJECT SIZE; (5) PARTICIPATING TECHNOLOGIES; (6) THE NUMBER OF PROJECTS THAT PASSED THE PROJECT VIABILITY SCREEN; (7) LOCATION OF BIDS BY COUNTY LEVEL SHOWN IN A MAP FORMAT; AND (8) THE PROGRESSION OF EACH EXECUTED CONTRACT'S PROJECT DEVELOPMENT MILESTONES. SDG&E MAY DISCLOSE ANY OF THE CONFIDENTIAL INFORMATION TO COMPLY WITH ANY LAW, RULE, OR REGULATION OR ANY ORDER, DECREE, SUBPOENA OR RULING OR OTHER SIMILAR PROCESS OF ANY COURT, SECURITIES EXCHANGE, CONTROL AREA OPERATOR, GOVERNMENTAL AGENCY OR GOVERNMENTAL OR REGULATORY AUTHORITY AT ANY TIME EVEN IN THE ABSENCE OF A PROTECTIVE ORDER, CONFIDENTIALITY AGREEMENT OR NON-DISCLOSURE AGREEMENT, AS THE CASE MAY BE, WITHOUT NOTIFICATION TO



THE RESPONDENT AND WITHOUT LIABILITY OR ANY RESPONSIBILITY OF SDG&E TO THE RESPONDENT.

IT IS EXPRESSLY CONTEMPLATED THAT MATERIALS SUBMITTED BY A RESPONDENT IN CONNECTION WITH THIS RFO WILL BE PROVIDED TO THE CPUC, THE CEC, AND/OR SDG&E'S PROCUREMENT REVIEW GROUP (PRG). SDG&E WILL REQUEST CONFIDENTIAL TREATMENT PURSUANT TO APPLICABLE LAW, OF ANY CONFIDENTIAL INFORMATION PROVIDED TO SDG&E BY RESPONDENT IN CONNECTION WITH THE RFO AND SUBMITTED BY SDG&E TO THE CPUC AND/OR CEC FOR THE PURPOSES OF OBTAINING REGULATORY APPROVAL. SDG&E WILL PROVIDE SUCH INFORMATION TO ITS PRG SUBJECT TO THE TERMS OF ITS NON-DISCLOSURE AGREEMENT WITH ITS PRG. SDG&E CANNOT, HOWEVER, ENSURE THAT THE CPUC OR CEC WILL AFFORD CONFIDENTIAL TREATMENT TO A RESPONDENT'S CONFIDENTIAL INFORMATION OR THAT MEMBERS OF ITS PRG WILL COMPLY WITH THE TERMS OF THE APPLICABLE NON-DISCLOSURE AGREEMENT.

SDG&E, ITS REPRESENTATIVES, SEMBRA ENERGY, AND ANY OF THEIR SUBSIDIARIES DISCLAIM ANY AND ALL LIABILITY TO A RESPONDENT FOR DAMAGES OF ANY KIND RESULTING FROM DISCLOSURE OF ANY OF RESPONDENT'S CONFIDENTIAL INFORMATION.



10.0 RPS PROGRAM PARAMETERS

CALIFORNIA RPS PROGRAM

California's Renewable Portfolio Standard (RPS) Program was adopted in 2002 and is codified at Public Utility Code sec 399.11, *et seq.*⁶ in adopting the RPS legislation, the Legislature specifically found and declared that increasing California's reliance on renewable energy resources promotes the purpose of and may accomplish each of the following: This RAM Program supplements the RPS Program goals to:

- Increase the diversity, reliability, public health and environmental benefits of the energy mix
- Promote stable electricity prices
- Protect public health and improve environmental quality
- Stimulate sustainable economic development and create new employment opportunities
- Reduce reliance on imported fuels
- Ameliorate air quality problems
- Improve public health by reducing the burning of fossil fuels

Current law requires Investor Owned Utilities (IOUs) to serve 33% of its retail sales load with RPS-eligible renewable energy. SDG&E will comply with all CPUC decisions governing RPS procurement. These decisions are publicly available on the CPUC's website at <http://www.cpuc.ca.gov/PUC/energy/Renewables/decisions.htm>.

This RFO is being conducted in compliance with the RAM Decision and all relevant statutory and regulatory directives. Requirements set forth within the law and all directives shall be incorporated herein by reference. A full text of the law and relevant CPUC decisions can be downloaded from the CPUC website. Respondents are encouraged to review all RPS and RAM-related, CPUC issued directives available on the same Internet website and are responsible for understanding and abiding by all RPS and RAM provisions.

RPS ELIGIBILITY CRITERIA

Respondents successfully signing agreements with SDG&E must warrant that the resources being offered in response to this solicitation are certifiable as an "eligible renewable resource" by the California Energy Commission (CEC). Eligibility criteria are set forth by the CEC in its Renewable Portfolio Standard Eligibility Guidebook. The CEC guidebook can be downloaded from the following internet website: <http://www.energy.ca.gov/renewables/documents/index.html>. Respondents are encouraged to review all RPS-related, CEC issued directives available on the same Internet website and are responsible for understanding and abiding by all RPS provisions. All requirements set forth within the CEC's guidebooks and all RPS-related documents shall be incorporated herein by reference.

⁶ See, Senate Bill (SB) 1078 (Stats. 2002 Ch. 516), as amended by SB 107, (Stats. 2006, Ch. 464).



Respondents are encouraged, although not required, to apply for pre-certification from the CEC in advance of submitting an offer. Pre-certification forms are available from the above-entitled guidebook. An excerpt of the eligibility requirements is provided at the end of this section.

PROCUREMENT REVIEW GROUP

The Procurement Review Group (PRG), a CPUC-endorsed entity, is composed of non-market participants such as ratepayers' advocacy groups, state energy and water commissions, power authorities, utility-related labor unions and other non-commercial, energy-related special interest groups. CPUC Decision D.03-06-071 established the role of the PRG in the RPS Program. The PRG is charged with overseeing the IOU's procurement process, reviewing procedural fairness, examining overall procurement prudence and providing feedback during all stages. From RFO language development to offer evaluation to contract negotiation, IOU's brief the PRG on a periodic basis during the entire process.

Respondents are hereby notified that revealing confidential offer information to the PRG is required during PRG briefings in accordance with Section 9 (Confidentiality). Each Respondent must clearly identify, as part of its offer, what type of information it considers to be confidential.

INDEPENDENT EVALUATOR

The CPUC requires each IOU to use an IE to evaluate and report on the IOU's entire solicitation, evaluation, and selection process. The IE will review SDG&E's implementation of the RFO process and final selections. The IE also makes periodic presentations regarding its findings to the IOU, and the IOU's PRG including the CPUC Energy Division staff. The intent is to preserve the independence of the IE by ensuring free and unfettered communication between the IE and the CPUC as well as an open, fair, and transparent process that the IE can affirm.

SDG&E is committed to ensuring an open and transparent solicitation, and to providing a fair, reasonable and competitive process.



11.0 SDG&E BACKGROUND

SDG&E provides electric service to approximately 1.3 million customers in San Diego County and the southern portion of Orange County. SDG&E also provides natural gas service to approximately 775,000 gas customers. The electric customer base comprises 89% residential and 11% commercial and industrial customers.

The figure below shows a simplified diagram of existing SDG&E's service area, which encompasses an area of 4,100 square-miles and spans 2 counties and 25 communities.





**RAMP PROGRAM
ADVICE LETTER 2421-E**

**ATTACHMENT B
NOVEMBER 2012
RAM POWER PURCHASE AGREEMENT**

RAM POWER PURCHASE AGREEMENT

Between

SAN DIEGO GAS & ELECTRIC COMPANY
(as “Buyer”)

and

(as “Seller”)

POWER PURCHASE AGREEMENT

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COVER SHEET

This RAM Power Purchase Agreement is made as of the following date: [_____]. This Power Purchase Agreement and all exhibits, schedules, appendices, and any written supplements hereto, any designated collateral, credit support or margin agreement or similar arrangement between the Parties as well as all written and signed amendments and modifications thereto shall be a part of, and shall be referred to as, the "Agreement." The Parties to this Agreement (hereinafter individually a "Party" and collectively the "Parties") are the following:

Name: _____ ("Seller")
All Notices:
Street: _____
City: _____ Zip: _____
Attn: Contract Administration
Phone: _____
Facsimile: _____
Duns: _____
Federal Tax ID Number: _____

Invoices:

Attn: _____
Phone: _____
Facsimile: _____

Scheduling:

Attn: _____
Phone: _____
Facsimile: _____

Payments:

Attn: _____
Phone: _____
Facsimile: _____

Wire Transfer:

BNK: _____
ABA: _____
ACCT: _____
FAX: _____

Credit and Collections:

Attn: _____
Phone: _____
Facsimile: _____

Name: San Diego Gas & Electric Company ("Buyer")
All Notices:
Street: 8315 Century Park Court
City: San Diego, CA Zip: 92123
Attn: Electric & Fuel Procurement - Contract Administration
Phone: (858) 650-6176
Facsimile: (858) 650-6190
Duns: 006911457
Federal Tax ID Number: 95-1184800

Invoices:

San Diego Gas & Electric Company
8315 Century Park Ct.
San Diego, California 92123-1593
Attn: Energy Accounting Manager
Phone: (858) 650-6177
Facsimile: (858) 650-6190

Scheduling:

San Diego Gas & Electric Company
8315 Century Park Ct.
San Diego, California 92123-1593
Attn: Transaction Scheduling Manager
Phone: (858) 650-6160
Facsimile: (858) 650-6191

Payments:

San Diego Gas & Electric Company
PO Box 25110
Santa Ana, CA 92799-5110
Attn: Mail Payments
Phone: (619) 696-4521
Facsimile: (619) 696-4899

Wire Transfer:

BNK: Union Bank of California
for: San Diego Gas & Electric Company
ABA: Routing # 122000496
ACCT: #4430000352
FAX: (213) 244-8316

Credit and Collections:

San Diego Gas & Electric Company, Major Markets
555 W. Fifth Street, ML 18A3
Los Angeles, CA 90013-1011
Attn.: Major Markets, Credit and Collections Manager
Fax No.: (213) 244-8316

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

Attn:

Phone: _____

Facsimile:

Phone: (213) 244-4343
With additional Notices of an Event of Default or
Potential Event of Default to:

San Diego Gas & Electric Company

8330 Century Park Ct.

San Diego, California 92123

Attn: General Counsel

Phone: (858) 650-6141

Facsimile: (858) 650-6106

GENERAL TERMS AND CONDITIONS

ARTICLE ONE: GENERAL DEFINITIONS

1.1 General. The following terms shall have the following meaning for purposes of this Agreement.

“AAA” means the American Arbitration Association.

“Affiliate” means, with respect to any person, any other person (other than an individual) that, directly or indirectly, through one or more intermediaries, controls, or is controlled by, or is under common control with, such person. For this purpose, “control” means the direct or indirect ownership of fifty percent (50%) or more of the outstanding capital stock or other equity interests having ordinary voting power.

“Agreement” has the meaning set forth in the preamble to the Cover Sheet.

“Arbitration” has the meaning set forth in Section 12.3.

“As-Available” means a Product for which, subject to the terms of this Agreement, Seller is excused from selling and delivering the Product to Buyer, and Seller shall not be liable to Buyer for any damages determined pursuant to Section 3.1(h) of the Agreement, in the event that Seller fails to deliver the Product to Buyer for any of the following reasons:

- (a) if the Project is unavailable as a result of a Forced Outage and such Forced Outage is not the result of Seller’s negligence or willful misconduct;
- (b) Force Majeure;
- (c) by the Buyer’s failure to perform;
- (d) by a Planned Outage of the Project;
- (e) a reduction in output as ordered under Dispatch Down Periods; or
- (f) [the unavailability of landfill gas which was not anticipated as of the Execution Date, which is not within the reasonable control of, or the result of negligence of, Seller or the party supplying such landfill gas to the Project, and which by the exercise of reasonable due diligence, Seller is unable to overcome or avoid or causes to be avoided.] OR [insufficient wind power for the Project to generate energy as determined by the best wind speed and direction standards utilized by other wind producers or purchasers in the vicinity of the Project or if wind speeds exceed the Project’s technical specifications.] OR [the unavailability of water or the unavailability of sufficient pressure required for operation of the hydroelectric turbine-generator as reasonably determined by Seller within its operating procedures, neither of which was anticipated as of the

Execution Date, which is not within the reasonable control of, or the result of negligence of, Seller or the party supplying such water to the Project, and which by the exercise of due diligence, such Seller or the party supplying the water is unable to overcome or avoid or causes to be avoided.] OR [insufficient solar power for the Project to generate energy as determined by the best solar standards utilized by other solar producers or purchasers in the vicinity of the Project.]

“Availability Incentive Payments” shall mean Availability Incentive Payments as defined in FERC filing ER09-1064 or such other similar term as modified and approved by FERC thereafter to be incorporated in the CAISO Tariff or otherwise applicable to CAISO.

“Availability Standards” shall mean Availability Standards as defined in FERC filing ER09-1064 or such other similar term as modified and approved by FERC thereafter to be incorporated in the CAISO Tariff or otherwise applicable to CAISO.

“Bankrupt” means with respect to any entity, such entity that (a) files a petition or otherwise commences, authorizes or acquiesces in the commencement of a proceeding or cause of action under any bankruptcy, insolvency, reorganization or similar Law, (b) has any such petition filed or commenced against it which remains unstayed or undismissed for a period of sixty (60) days, (c) makes an assignment or any general arrangement for the benefit of creditors, (d) otherwise becomes bankrupt or insolvent (however evidenced), (e) has a liquidator, administrator, receiver, trustee, conservator or similar official appointed with respect to it or any substantial portion of its property or assets, or (f) is generally unable to pay its debts as they fall due.

“Business Day” means any day except a Saturday, Sunday, or a Federal Reserve Bank holiday and shall be between the hours of 8:00 a.m. and 5:00 p.m. local time for the relevant Party’s principal place of business where the relevant Party, in each instance unless otherwise specified, shall be the Party from whom the Notice, payment or delivery is being sent and by whom the Notice or payment or delivery is to be received.

“Buyer” has the meaning set forth on the Cover Sheet.

“CAISO” means the California Independent System Operator Corporation or any successor entity performing similar functions.

[When SDG&E is the SC for the Project: “CAISO Charges Invoice” has the meaning set forth in Section 3.3([a/b])(iv).]

“CAISO Grid” means the system of transmission lines and associated facilities of the Participating Transmission Owners that have been placed under the CAISO’s operational control.

“CAISO Tariff” means the CAISO Operating Agreement and Tariff, including the rules, protocols, procedures and standards attached thereto, as the same may be amended or modified from time-to-time and approved by FERC.

“California Renewables Portfolio Standard” means the Renewables Portfolio Standard of California under California Senate Bills 1078 and 107, as codified in California Public Utilities Code Sections 387, 390.1, and 399.25 and Article 16 (commencing with Section 399.11) of Chapter 2.3 of Part 1 of Division 1, as such provisions are amended or supplemented from time to time.

[For FCDS bids: “Capacity Attributes” means any current or future defined characteristic, certificate, tag, credit, or ancillary service attribute, whether general in nature or specific as to the location or any other attribute of the Project intended to value any aspect of the capacity of the Project to produce Energy or ancillary services, including but not limited to any accounting construct so that the Contract Capacity of the Project may be counted toward a Resource Adequacy obligation or similar measure in respect to the capacity of the Project to generate Energy by the CPUC, the CAISO, the FERC, or any other entity vested with the authority under federal or state Law, to require Buyer to procure, or to procure at Buyer’s expense, Resource Adequacy or other similar products.]

“CEC” means the California Energy Commission or its successor agency.

“CEC Certification and Verification” means that the CEC has certified (or, with respect to periods before the Project has been constructed, that the CEC has pre-certified) that the Project is an ERR for purposes of the California Renewables Portfolio Standard and that all Energy produced by the Project qualifies as generation from an ERR for purposes of the Agreement.

“Claims” has the meaning set forth in Section 11.2(a).

[Delete and replace with “Reserved” for existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement: “Commercial Operation” means that (a) the Project is operating and able to produce and deliver Energy to Buyer pursuant to the terms of this Agreement; (b) Seller shall have satisfied the requirements set forth in the Commercial Operation Certificate in the form attached as Exhibit C; (c) Seller shall have delivered true, correct, and complete Commercial Operation Certificates from Seller, the Renewable Generation Equipment Supplier, the EPC Contractor, and a Licensed Professional Engineer; (d) Seller shall have delivered to Buyer the Delivery Term Security required under Article 8; (e) Seller has received all local, state and federal Governmental Approvals and other approvals as may be required by Law for the construction, operation and maintenance of the Project, including approvals, if any, required under the California Environmental Quality Act for the Project and related interconnection facilities;]

“Commercial Operation Date” means the date on which Seller achieves Commercial Operation for the Project.*[For existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement, delete and insert: “Commercial Operation Date” means the later of (a) thirty (30) days after the CP Satisfaction Date or (b) [insert date].]*

“Condition Precedent” has the meaning set forth in Section 2.3.

“Contract Capacity” has the meaning set forth in Section 3.1(f).

[When Seller is SC for the Project or when Buyer is SC but Project is not PIRP eligible (PIRP eligible projects are wind and solar projects): “Contract Energy” means the lower of Delivered Energy or Scheduled Energy for any given period in each case net of all Electrical Losses.]

“Contract Quantity” has the meaning set forth in Section 3.1(e).

“Contract Year” means a period of twelve (12) consecutive months (except in the case of the first Contract Year which may be longer) with the first Contract Year commencing on the Commercial Operation Date and each subsequent Contract Year commencing on the anniversary of the first day of the month following the Commercial Operation Date.

“Costs” means, with respect to the Non-Defaulting Party, brokerage fees, commissions and other similar third party transaction costs and expenses reasonably incurred by such Party either in terminating any arrangement pursuant to which it has hedged its obligations or entering into new arrangements which replace a Terminated Transaction; and all reasonable attorneys’ fees and expenses incurred by the Non-Defaulting Party in connection with such Terminated Transaction.

“Cover Sheet” means the document that precedes Article 1: General Definitions to this Agreement.

“CP Satisfaction Date” shall mean the date on which the Condition Precedent has been satisfied (or waived in writing by the Party described in Section 2.4).

“CPUC” or “Commission or successor entity” means the California Public Utilities Commission, or successor entity.

“CPUC Approval” means a final and non-appealable order of the CPUC, without conditions or modifications unacceptable to the Parties, or either of them, which contains the following terms:

(a) approves this Agreement in its entirety, including payments to be made by the Buyer, subject to CPUC review of the Buyer’s administration of the Agreement; and

(b) finds that any procurement pursuant to this Agreement is procurement from an eligible renewable energy resource for purposes of determining Buyer’s compliance with any obligation that it may have to procure eligible renewable energy resources pursuant to the California Renewables Portfolio Standard (Public Utilities Code Section 399.11 *et seq.*), Decision 03-06-071, or other applicable Law.

CPUC Approval will be deemed to have occurred on the date that a CPUC decision containing such findings becomes final and non-appealable.

“Credit Rating” means, with respect to any entity, the rating then assigned to such entity’s unsecured, senior long-term debt obligations (not supported by third party credit enhancements) by S&P or Moody’s.

“Day-Ahead Forecast” has the meaning set forth in Section 3.3([d/e]).

“Defaulting Party” means the Party that is subject to an Event of Default.

“Default Rate” means for any date, the lesser of (a) the per annum rate of interest equal to the prime lending rate as may from time to time be published in *The Wall Street Journal* under “Money Rates” on such day (or if not published on such day on the most recent preceding day on which published), plus two percent (2%) and (b) the maximum rate permitted by applicable Law.

“Deliverability Value” means the amount stated in Section 4.1(c).

“Delivered Energy” means all Energy produced from the Project and delivered to Buyer at the Delivery Point as measured in MWh at the CAISO revenue meter of the Project based on a power factor of precisely one (1) and net of all Electrical Losses.

“Delivery Point” means the point at which Buyer receives Seller’s Product, as set forth in Section 3.1(d).

“Delivery Term” has the meaning set forth in Section 3.1(c).

“Delivery Term Security” shall mean the Performance Assurance that Seller is required to maintain during the period and as otherwise specified in Section 8.4(a)(iii) to secure performance of its obligations hereunder.

“Development Period Security” shall mean the Performance Assurance that Seller is required to maintain during the period and as otherwise specified in Section 8.4(a)(i) to secure performance of its obligations hereunder.

“Disclosing Party” has the meaning set forth in Section 13.1(a).

“Disclosure Order” has the meaning set forth in Section 13.1(a).

“Dispatch Down Period” means the period of curtailment of delivery of Product from the Project resulting from (a) curtailment ordered by the CAISO (whether directly or through the Scheduling Coordinator or the Participating Transmission Owner), for any reason, including, but not limited to, any system emergency as defined in the CAISO Tariff (“System Emergency”), any warning of an anticipated System Emergency, or any warning of an imminent condition or situation which could jeopardize the CAISO’s or Participating Transmission Owner’s electric system integrity or the integrity of other systems to which the CAISO or Participating Transmission Owner is connected; (b) curtailment ordered by the Participating Transmission Owner or distribution operator (if interconnected to distribution or sub-transmission system) for reasons including, but not limited to, (i) any situation that affects normal function of the electric system including, but not limited to, any abnormal condition that requires action to prevent circumstances such as equipment damage, loss of load, or abnormal voltage conditions, (ii) any warning, forecast or anticipation of conditions or situations that jeopardize the Participating Transmission Owner’s electric system integrity or the integrity of other systems to which the Participating Transmission Owner is connected; (c) curtailment ordered by the Participating Transmission Owner or distribution operator (if interconnected to distribution or sub-

transmission system) as a result of scheduled or unscheduled maintenance or construction on the Participating Transmission Owner's transmission facilities or distribution operator's facilities (if interconnected to distribution or sub-transmission system) that prevents the delivery or receipt of Delivered Energy to or at the Delivery Point, or (d) curtailment in accordance with Seller's obligations under its interconnection agreement with the Participating Transmission Owner or distribution operator; *[When SDG&E is the SC:* provided, however, Dispatch Down Periods shall not include periods of curtailment of delivery of Product from the Project resulting from economic curtailment where Buyer (as the Scheduling Coordinator) submits an economic bid in the applicable CAISO market that results in an otherwise available Product not being scheduled or awarded in such CAISO market].

"Distribution Upgrades" has the meaning set forth in the CAISO Tariff.

"DUNS" means the Data Universal Numbering System, which is a unique nine character identification number provided by Dun and Bradstreet.

"Early Termination Date" has the meaning set forth in Section 5.2.

"Electrical Losses" means all electrical losses associated with the transmission of Product to the Delivery Point, including if applicable, but not limited to, any transmission or transformation losses between the CAISO revenue meter and the Delivery Point.

"Electrical Interconnection Upgrades" means the facilities that allow Seller to interconnect and deliver Energy from the Project to and at the Delivery Point and Buyer to transmit Energy from the Delivery Point and the facilities that protect the Participating Transmission Owner's, Transmission Provider's, or distribution operator's, as applicable, electric system (or other systems to which such electric systems are connected, including the CAISO Grid) and the Participating Transmission Owner's, Transmission Provider's, or distribution operator's, as applicable, customers from faults occurring at the Project, including, but not limited to, all network, distribution, connection, transformation, switching, metering, communications, control, and safety equipment, as such equipment may be required pursuant to Good Industry Practices or in accordance with the Participating Transmission Owner's, Transmission Provider's, or distribution operator's, as applicable, facility connection requirements. Such Electrical Interconnection Upgrades include all Network Upgrades, Distribution Upgrades, and Interconnection Facilities that are determined to be necessary by the CAISO or Participating Transmission Owner, as applicable, to physically and electrically interconnect the Project to the Participating Transmission Owner's electric system so as to allow Seller to deliver Energy from the Project to the Delivery Point and Buyer to be able to transmit Energy from the Delivery Point.

"Eligible Renewable Energy Resource" or "ERR" has the meaning set forth in California Public Utilities Code Section 399.11, *et seq.*, as amended or supplemented from time to time.

"Energy" means electric energy measured in MWh and net of Station Service (unless otherwise specified).

"Energy Price" has the meaning set forth in Section 4.1(a).

“EPC Contract” means the Seller’s engineering, procurement and construction contract with the EPC Contractor.

“EPC Contractor” means an engineering, procurement, and construction contractor, selected by Seller, with substantial experience in the engineering, procurement, and construction of power plants of the same type of facility as Seller’s.

“Equitable Defenses” means any bankruptcy, insolvency, reorganization or other Laws affecting creditors’ rights generally and, with regard to equitable remedies, the discretion of the court before which proceedings may be pending to obtain same.

“Event of Default” has the meaning set forth in Section 5.1.

“Execution Date” means the date hereof as set forth in the preamble of the Cover Sheet.

“Executive(s)” has the meaning set forth in Section 12.2(a).

“FCDS” has the meaning set forth in Section 4.1(c).

“FERC” means the Federal Energy Regulatory Commission or any successor government agency.

“Force Majeure” means any event or circumstance which wholly or partly prevents or delays the performance of any material obligation arising under this Agreement but only to the extent (1) such event is not within the reasonable control, directly or indirectly, of the Party seeking to have its performance obligation(s) excused thereby, (2) the Party seeking to have its performance obligation(s) excused thereby has taken all reasonable precautions and measures in order to prevent or avoid such event or mitigate the effect of such event on such Party’s ability to perform its obligations under this Agreement and which by the exercise of due diligence such Party could not reasonably have been expected to avoid and which by the exercise of due diligence it has been unable to overcome, and (3) such event is not the direct or indirect result of the fault or negligence of the Party seeking to have its performance obligations excused thereby.

(a) Subject to the foregoing, events that could qualify as Force Majeure include, but are not limited to the following:

(i) acts of God, flooding, lightning, landslide, earthquake, fire, drought, explosion, epidemic, quarantine, storm, hurricane, tornado, volcano, other natural disaster or unusual or extreme adverse weather-related events;

(ii) war (declared or undeclared), riot or similar civil disturbance, acts of the public enemy (including acts of terrorism), sabotage, blockade, insurrection, revolution, expropriation or confiscation; or

(iii) except as set forth in subpart (b)(vii) below, strikes, work stoppage or other labor disputes (in which case the affected Party shall have no obligation to settle the strike or labor dispute on terms it deems unreasonable).

(b) Force Majeure shall not be based on:

(i) Buyer's inability economically to use or resell the Product purchased hereunder;

(ii) Seller's ability to sell the Product at a price greater than the price set forth in this Agreement;

(iii) Seller's inability to obtain Governmental Approvals or other approvals of any type for the construction, operation, or maintenance of the Project;

(iv) a lack of wind, sun or other fuel source of an inherently intermittent nature;

(v) Seller's inability to obtain sufficient labor, equipment, materials, or other resources to build or operate the Project, except to the extent Seller's inability to obtain sufficient labor, equipment, materials, or other resources is caused by an event of Force Majeure of the specific type described in any of subsections (a)(i) through (a)(iii) above;

(vi) Seller's failure to obtain financing or other funds, including funds authorized by a state or the federal government or agencies thereof, to supplement the payments made by Buyer pursuant to this Agreement;

(vii) a strike, work stoppage or labor dispute limited only to any one or more of Seller, Seller's Affiliates, the EPC Contractor or subcontractors thereof or any other third party employed by Seller to work on the Project; or

(viii) any equipment failure except if such equipment failure is caused solely by an event of Force Majeure of the specific type described in any of subsections (a)(i) through (a)(iii) above.

"Forced Outage" means any unplanned reduction or suspension of production of Product from the Project or unavailability of the Project in whole or in part that is not a Planned Outage or a willful withholding of Product when the Project is otherwise capable of delivering Product under Good Industry Practices.

"GAAP" has the meaning set forth in Section 13.4.

"Gains" means with respect to any Party, an amount equal to the present value of the economic benefit to it, if any (exclusive of Costs), resulting from the termination of this Agreement for the remaining Delivery Term, determined in a commercially reasonable manner, subject to Section 5.2 hereof. Factors used in determining economic benefit may include, without limitation, reference to information either available to it internally or supplied 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 market referent prices for renewable power set by the CPUC, comparable transactions, forward price curves based on economic analysis of the relevant markets, settlement prices for comparable transactions at liquid trading hubs (e.g., NYMEX), all of which should be

calculated for the remaining term of this Agreement and include the value, if any, of Capacity Attributes, and Green Attributes.

“Good Industry Practice” means those practices, methods and acts that would be implemented and followed by prudent operators of electric transmission facilities (with respect to Buyer) or prudent operators of electric generation facilities similar to the Project (with respect to Seller) in the Western United States during the relevant time period, which practices, methods and acts, in the exercise of prudent and responsible professional judgment in the light of the facts known at the time the decision was made, could reasonably have been expected to accomplish the desired result consistent with good business practices, reliability and safety, and shall include, at a minimum, those professionally responsible practices, methods and acts described in the preceding sentence that comply with manufacturers’ warranties, restrictions in this Agreement, and the requirements of Governmental Authorities, WECC standards, the CAISO and applicable Law. Good Industry Practice is not intended to be the optimum practice, method or act to the exclusion of all others, but rather is intended to be any of the practices, methods and/or actions generally accepted in the region.

“Governmental Approval” means all authorizations, consents, approvals, waivers, exceptions, variances, filings, permits, orders, licenses, exemptions and declarations of or with any governmental entity and, with respect to the Seller, shall include those siting and operating permits and licenses, and any of the foregoing under any applicable environmental Law, that are required for the construction, use, and operation of the Project.

“Governmental Authority” means any federal, state, local or municipal government, governmental department, commission, board, bureau, agency, or instrumentality, or any judicial, regulatory or administrative body, having jurisdiction as to the matter in question.

“Governmental Charges” has the meaning set forth in Section 9.2.

“Green Attributes” means any and all credits, benefits, emissions reductions, offsets, and allowances, howsoever entitled, attributable to the generation from the Project, and its avoided emission of pollutants. Green Attributes include but are not limited to Renewable Energy Credits, as well as: (1) any avoided emission 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), nitrous oxide, hydrofluorocarbons, perfluorocarbons, sulfur hexafluoride and other greenhouse gases (GHGs) that have been determined by the United Nations Intergovernmental Panel on Climate Change, or otherwise by Law, to contribute to the actual or potential threat of altering the Earth’s climate by trapping heat in the atmosphere;¹ 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

¹ Avoided emissions may or may not have any value for GHG compliance purposes. Although avoided emissions are included in the list of Green Attributes, this inclusion does not create any right to use those avoided emissions to comply with any GHG regulatory program.

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 a MWh basis and one Green Tag represents the Green Attributes associated with one (1) MWh of Energy. Green Attributes do not include (i) any energy, capacity, reliability or other power attributes from the Project, (ii) production tax credits associated with the construction or operation of the Project 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 Seller to accept certain fuels, or local subsidies received by the generator for the destruction of particular preexisting pollutants or the promotion of local environmental benefits, or (iv) emission reduction credits encumbered or used by the Project for compliance with local, state, or federal operating and/or air quality permits. If the Project is a biomass or biogas facility and Seller receives any tradable Green Attributes based on the greenhouse gas reduction benefits or other emission offsets attributed to its fuel usage, it shall provide Buyer with sufficient Green Attributes to ensure that there are zero net emissions associated with the production of electricity from the Project.

[Delete this definition for existing Project in operation for which CPUC Approval is all that is needed for effectiveness of this Agreement. “Guaranteed Commercial Operation Date” or “GCOD” is the date that is twenty four (24) months after the CP Satisfaction Date, as may be extended pursuant to Section 3.9(c)(ii).]

[Delete this definition for existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement “Guaranteed Energy Production” has the meaning set forth in Section 3.1(e).]

“Imbalance Energy” means the amount of Energy, in any given settlement interval, by which the amount of Delivered Energy deviates from the amount of Scheduled Energy.

[For As-Available Product PIRP Participants only and only when Seller is SC for the Project: “Imbalance Price” has the meaning set forth in Section 4.[2/3](b).]

“Initial Negotiation End Date” has the meaning set forth in Section 12.2(a).

“Interconnection Facilities” has the meaning set forth in the CAISO Tariff.

“Interest Amount” means, with respect to an Interest Period, the amount of interest derived from the product of (a) the sum of (i) the principal amount of Performance Assurance in the form of cash held by Buyer during that Interest Period, and (ii) the sum of all accrued and unpaid Interest Amounts accumulated prior to such Interest Period; multiplied by (b) the Interest Rate in effect on the first day of the Interest Period; multiplied by (c) the number of days in that Interest Period; divided by (d) 360.

“Interest Payment Date” means the date on which cash held as Performance Assurance is returned pursuant to the terms of this Agreement.

“Interest Period” means the monthly period beginning on the first day of each month and ending on the last day of each month or the shorter period during which Performance Assurance in the form of cash is held by Buyer.

“Interest Rate” means for any date the rate per annum equal to the Commercial Paper (Non-financial, 3 months) rate as published the prior month in the Federal Reserve Statistical Release, H.15. Should publication of the interest rate on Commercial Paper (Non-financial, 3 months) be discontinued, then the interest rate on commercial paper, which most closely approximates the discontinued rate, published the prior month in the Federal Reserve Statistical Release, H.15, or its successor publication.

[“Investment Tax Credit” or “ITC” means the tax credit for property described in Section 48(a)(3)(A)(i) [solar energy property] or 48(a)(5)(ii) [hydroelectric] of the Internal Revenue Code of 1986, as it may be amended from time to time.] *[Delete if not currently applicable to technology type.]*

“Law” means any statute, law, treaty, rule, regulation, ordinance, code, Governmental Approval, enactment, injunction, order, writ, decision, authorization, judgment, decree or other legal or regulatory determination or restriction by a court or Governmental Authority of competent jurisdiction, including any of the foregoing that are enacted, amended, or issued after the Execution Date, and which become effective prior to the end of the Delivery Term; or any binding interpretation of the foregoing by a Governmental Authority.

“Letter(s) of Credit” means one or more irrevocable, standby letters of credit issued by a U.S. commercial bank or a foreign bank with a U.S. branch with such bank having a Credit Rating of at least A- from S&P or A3 from Moody’s, in substantially the form as contained in Exhibit C to this Agreement.

“Licensed Professional Engineer” means a person acceptable to Buyer in its reasonable judgment who (a) is licensed to practice engineering in California, (b) has training and experience in the power industry specific to the technology of the Project, (c) has no economic relationship, association, or nexus with Seller or Buyer, other than to meet the obligations of Seller pursuant to this Agreement, (d) is not a representative of a consultant, engineer, contractor, designer or other individual involved in the development of the Project or of a manufacturer or supplier of any equipment installed at the Project, and (e) is licensed in an appropriate engineering discipline for the required certification being made.

“Losses” means with respect to any Party, an amount equal to the present value of the economic loss to it, if any (exclusive of Costs), resulting from a Terminated Transaction for the remaining term of this Agreement, determined in a commercially reasonable manner. Factors used in determining the loss of economic benefit may include, without limitation, reference to information either available to it internally or supplied 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, market referent prices for renewable power set by the CPUC, comparable transactions, forward price curves based on economic analysis of the relevant markets, settlement prices for comparable transactions at liquid trading hubs (e.g. NYMEX), all of which should be calculated for the

remaining term of this Agreement and include the value, if any, of Capacity Attributes, and Green Attributes.

“Manager” has the meaning set forth in Section 12.2(a).

~~***[Delete this definition for existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement]***~~ “Milestones” has the meaning set forth in Section 3.9(b)(i)./

“Monthly Energy Payment” has the meaning set forth in Section 4.1([b/c]).

“Moody’s” means Moody’s Investor Services, Inc., or its successor.

“MWh” means megawatt-hour.

“Negative Imbalance Energy” has the meaning set forth in Section 4.[2/3].

“NERC” means the North American Electric Reliability Corporation or a successor organization that is responsible for establishing reliability criteria and protocols.

“NERC Holiday” means any of the following holidays: 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 (4th) Thursday in November. New Year’s Day, Independence Day, and Christmas Day occur on the same date each year, but in the event any of these holidays occur on a Sunday, the “NERC Holiday” is celebrated on the Monday immediately following that Sunday; and if any of these holidays occur on a Saturday, the “NERC Holiday” remains on that Saturday.

“Network Upgrades” has the meaning set forth in the CAISO Tariff.

“Non-Availability Charges” shall mean Non-Availability Charges as defined in FERC filing ER09-1064 or such other similar term as modified and approved by FERC thereafter to be incorporated in the CAISO Tariff or otherwise applicable to CAISO.

“Non-Defaulting Party” has the meaning set forth in Section 5.2.

“Notice” shall, unless otherwise specified in the Agreement, mean written communications by a Party to be delivered by hand delivery, United States mail, overnight courier service, facsimile or electronic messaging (e-mail).

“Notice to Proceed” or “NTP” means the notice provided by Seller to the EPC Contractor following execution of the EPC Contract between Seller and such EPC Contractor and satisfaction of all conditions precedent to performance of such contract, by which Seller authorizes such EPC Contractor to commence and complete full performance of the work under the EPC Contract without any delay or waiting periods.

“Outage Notification Form” means the completed document from Seller notifying Buyer of an outage of the Project in a form reasonably acceptable to Buyer. Buyer reserves the right to reasonably revise or change the form upon Notice to Seller.

[For intermittent As-Available Product: “Participating Intermittent Resource” shall have the meaning set forth in the CAISO Tariff.]

[For an intermittent As-Available Product only: “Participating Intermittent Resource Program” or “PIRP” means the rules, protocols, procedures and standards for Participating Intermittent Resources under the CAISO’s Eligible Intermittent Resource Protocol, as may be amended from time to time, as set forth in the CAISO Tariff.]

“Participating Transmission Owner” or “Participating TO” means an entity that (a) owns, operates and maintains transmission lines and associated facilities and/or has entitlements to use certain transmission lines and associated facilities and (b) has transferred to the CAISO operational control of such facilities and/or entitlements to be made part of the CAISO Grid. As of the Execution Date, the Participating Transmission Owner is *[insert name]*.

“Party” or “Parties” means the Buyer or Seller individually, or to both collectively.

“Performance Assurance” means collateral provided by Seller to Buyer to secure Seller’s obligations hereunder and includes Development Period Security and Delivery Term Security.

“Performance Measurement Period” has the meaning set forth in Section 3.1(e).

“Performance Tolerance Band” for each CAISO settlement interval means 5% of the Contract Capacity divided by the number of CAISO settlement intervals per hour.

“Planned Outage” means any planned reduction or suspension of the electrical output from the Project or unavailability of the Project in whole or in part as a result of the inspection, maintenance, or repair of equipment that is scheduled in accordance with Section 3.7(a).

“Positive Imbalance Energy” has the meaning set forth in Section 4.[2/3].

“Product” has the meaning set forth in Section 3.1(a).

[“Production Tax Credit” or “PTC” means the tax credit for electricity produced from certain renewable generation resources described in Section 45 of the Internal Revenue Code of 1986, as it may be amended from time to time.] ***[Delete if not currently applicable to the technology type.]***

“Project” means all of the *[insert technology]* electric generating units, the Site at which the generating facility is located, the utility interconnection facilities up to the point of change in ownership to the applicable utility’s facilities, and the other assets, tangible and intangible, that compose the generation facility or Aggregate Projects as more particularly described on Exhibit A.

“Project Cure Period” has the meaning set forth in Section 3.9(c)(i).

“Recording” has the meaning set forth in Section 13.6.

“Reductions” has the meaning set forth in Section 3.2(c).

“Referral Date” has the meaning set forth in Section 12.2(a).

[Delete this definition for existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement “Remedial Action Plan” has the meaning provided in Section 3.9(b)(ii).J

“Renewable Energy Credit” has the meaning set forth in California Public Utilities Code Section 399.12(f) and CPUC Decision 08-08-028, as each may be amended from time to time or as further defined or supplemented by Law.

“Renewable Generation Equipment Provider” means any entity or entities transmitting or transporting the Product on behalf of Seller or Buyer to or from the Delivery Point.

“Replacement Price” means the price (in dollars per megawatt hour) at which Buyer, acting in a commercially reasonable manner, purchases for delivery at the Delivery Point (or any other reasonably equivalent delivery point for Buyer) a replacement for any Product (including its associated Green Attributes) that was not Scheduled and delivered by Seller, plus (a) costs (calculated in dollars per megawatt hour) reasonably incurred by Buyer in purchasing such replacement Product and (b) additional transmission charges (calculated in dollars per megawatt hour), if any, reasonably incurred by Buyer for such replacement Product, or absent a purchase, the market price at the Delivery Point (or any other reasonably equivalent delivery point for Buyer) for such replacement Product for the hours impacted by such failure to Schedule or deliver such Product as determined by Buyer in a commercially reasonable manner. The Replacement Price also shall include all CAISO and other charges and penalties calculated in dollars per megawatt hour with respect to the deviation from the Scheduled supply resulting from Seller’s failure to Schedule or deliver; provided, however, in no event shall such price include any ratcheted demand or similar charges, nor shall Buyer be required to utilize or change its utilization of its owned or controlled assets or market positions to minimize Seller’s liability. For the purposes of this definition, Buyer shall be considered to have purchased replacement Product to the extent Buyer shall have entered into one or more arrangements in a commercially reasonable manner whereby Buyer repurchases its obligation to sell and deliver the Product to another party. If for any reason a Replacement Price is unavailable when Seller fails to deliver or Schedule Product, then the Replacement Price for the hours when a Replacement Price is unavailable shall be the last available Replacement Price together with any charges and penalties allocated to Buyer during such time.

[For FCDS bids: “Resource Adequacy” means the procurement obligation of load serving entities, including Buyer, as such obligations are described in CPUC Decisions D.04-10-035 and D.05-10-042 and subsequent CPUC decisions addressing Resource Adequacy issues, as those obligations may be altered from time to time in the CPUC Resource Adequacy Rulemakings (R.) 04-04-003 and (R.) 05-12-013 or by any successor proceeding, and all other Resource Adequacy obligations established by any other entity, including the CAISO.J

“Sales Price” means the price (in dollars per megawatt hour) at which Seller, acting in a commercially reasonable manner, resells any Product not Scheduled and received by Buyer, deducting from such proceeds any (a) costs (calculated in dollars per megawatt hour) reasonably incurred by Seller in reselling such Product including all costs charged by CAISO to Schedule and deliver the Product into the CAISO System, and (b) additional transmission charges (calculated in dollars per megawatt hour), if any, reasonably incurred by Seller in Scheduling and delivering such Product to the third party purchasers, or absent a sale despite commercially reasonable efforts to resell the Product, zero. The Sales Price shall also be reduced by all CAISO and other costs, charges and penalties with respect to the deviation from the Scheduled supply, in each case, resulting from Buyer’s failure to take Product and calculated in dollars per megawatt hour; provided, however, in no event shall such price include any ratcheted demand or similar charges, nor shall Seller be required to utilize or change its utilization of its owned or controlled assets, including contractual assets, or market positions to minimize Buyer’s liability. The Sales Price may be less than zero.

“S&P” means the Standard & Poor’s Rating Group (a division of McGraw-Hill, Inc.) or its successor.

“Schedule” means the actions of Seller, Buyer and/or their designated representatives, or Scheduling Coordinators, including each Party’s Transmission Providers, if applicable, of notifying, requesting and confirming to each other and the CAISO the quantity and type of Product to be delivered on any given day or days at a specified Delivery Point.

“Scheduling Coordinator” or “SC” means an entity certified by the CAISO as qualifying as a Scheduling Coordinator pursuant to the CAISO Tariff, for the purposes of undertaking the functions specified in “Responsibilities of a Scheduling Coordinator,” of the CAISO Tariff, as amended from time-to-time.

“Scheduled Energy” means the Energy that clears under the applicable CAISO market based on the final Schedule developed in accordance with this Agreement, the operating procedures developed by the Parties pursuant to Section 3.10, and the applicable CAISO Tariff, protocols and Scheduling practices.

“SEC” means the U.S. Securities and Exchange Commission.

“Seller” shall have the meaning set forth on the Cover Sheet.

“Semiannual Progress Report” means the completed documents from Seller notifying Buyer of the progress of the development of the Project in a format reasonably acceptable to Buyer, as may be modified from time to time to meet applicable CPUC requirements.

“Settlement Amount” means, with respect to the Non-Defaulting Party, the Losses or Gains, and Costs, expressed in U.S. Dollars, which such Party incurs as a result of the liquidation of a Terminated Transaction pursuant to Sections 5.2 and 5.3.

“Site” shall mean the location of the Project as described in Exhibit A. For Aggregated Projects, “Site” means all of the component sites of the Project.

“Station Service” means the electric energy produced by the Project that is used within the Project to power the lights, motors, control systems and other auxiliary electrical loads that are necessary for operation of the Project [*For Excess Sales bids*: and electric energy produced by the Project that is used to service onsite load which is subtracted from the CAISO revenue meter].

“Terminated Transaction” means the termination of this Agreement in accordance with Section 5.2 of this Agreement.

“Termination Payment” has the meaning set forth in Section 5.2.

“TOD Delivery Cap” has the meaning set forth in 4.1(d)(iii).

“TOD Factors” has the meaning set forth in Section 4.1(b).

“TOD Period” has the meaning set forth in Section 4.1(b).

“WECC” means the Western Electricity Coordinating Council or successor agency.

“WREGIS” means the Western Renewable Energy Generating Information System or any successor renewable energy tracking program.

1.2 Interpretation. The following rules of interpretation shall apply:

- (a) Capitalized terms used in this Agreement, including the appendices hereto, shall have the meaning set forth in Article 1, unless otherwise specified.
- (b) Any reference in this Agreement to any natural person, Governmental Authority, corporation, partnership or other legal entity includes its permitted successors and assigns or to any natural person, Governmental Authority, corporation, partnership or other legal entity succeeding to its functions.
- (c) All references to dollars are to U.S. dollars.
- (d) For the purposes of this Agreement, all references to “site” shall mean “sites,” all references to “Project” shall mean “Projects”.

ARTICLE TWO: EFFECTIVENESS OF AGREEMENT; CONDITION PRECEDENT

2.1 Effectiveness of Agreement Prior to CP Satisfaction Date. Commencing on the Execution Date until the CP Satisfaction Date, this Agreement shall be in full force and effect, enforceable and binding only to the extent required to give full effect to, and enforce, the rights and obligations of the Parties under this Article 2, including, as it relates to Article 2, the rights and obligations under Articles 1, 5, 7, 8, 9, 10, 11, 12, and 13.

2.2 Obligations of the Parties. The Parties shall cooperate with each other to cause the Condition Precedent to be satisfied as soon as reasonably practical.

- (a) Seller's Obligations. Prior to the CP Satisfaction Date, Seller shall (i) use commercially reasonable efforts to pursue satisfaction of the Condition Precedent set forth in Section 2.3(a), [~~***Delete for existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement***~~] (ii) diligently pursue development of the Project in accordance with Section 3.9, (iii) comply with Section 3.9(b) in achieving the applicable Milestones, reporting completion of such Milestones, and delivering Remedial Action Plans in respect of missed Milestones as more fully described therein, (iv) deliver the Semiannual Progress Report in accordance with Section 3.9(a),] and (v) otherwise comply with its obligations, covenants, representations, and warranties under Articles 7-13. Upon an Event of Default of Seller prior to the CP Satisfaction Date, Buyer may terminate this Agreement in which case Seller shall owe Buyer liquidated damages in the amount of the Development Period Security. Buyer may retain such Performance Assurances to pay such liquidated damages. Each Party agrees and acknowledges that (a) the actual damages that Buyer would incur due to an Event of Default of Seller prior to the CP Satisfaction Date would be difficult or impossible to predict with certainty, (b) the liquidated damages set forth in this section are a reasonable and appropriate approximation of such damages, and (c) the liquidated damages set forth in this section are the exclusive remedy for an Event of Default of Seller prior to the CP Satisfaction Date.
- (b) Buyer's Obligations. Prior to the CP Satisfaction Date, Buyer shall (i) use commercially reasonable efforts to pursue satisfaction of the Condition Precedent set forth in Section 2.3(a), and (ii) otherwise comply with its obligations, covenants, representations, and warranties under Articles 7-13. Upon an Event of Default of Buyer prior to the CP Satisfaction Date, Seller may terminate this Agreement in which case Buyer shall owe Seller liquidated damages in the amount of the Development Period Security. Each Party agrees and acknowledges that (a) the actual damages that Seller would incur due to an Event of Default of Buyer prior to the CP Satisfaction Date would be difficult or impossible to predict with certainty, (b) the liquidated damages set forth in this section are a reasonable and appropriate approximation of such damages, and (c) the liquidated damages set forth in this section are the exclusive remedy for an Event of Default of Buyer prior to the CP Satisfaction Date.

2.3 Condition Precedent. Subject to Section 2.1, the effectiveness of the remainder of this Agreement is conditioned upon the satisfaction (or waiver by the Party described in Section 2.4) of the following condition precedent ("Condition Precedent") by the deadline date set forth below for the Condition Precedent without extension for Force Majeure or any other reason:

- (a) CPUC Approval. No later than three (3) months after the Execution Date, Buyer shall have obtained CPUC Approval Prior to this deadline. Should the CPUC issue an order approving this Agreement with conditions or modifications that materially alter the commercial aspects of this Agreement, the Parties agree to use good faith efforts to renegotiate this Agreement and file the amended agreement with the CPUC seeking approval thereof. If, within thirty (30) days, no agreement is reached, either Party may terminate this Agreement upon delivery of Notice to the other Party.

2.4 Failure to Meet The Condition Precedent.

- (a) Beneficiary Party.

(i) Both of the Parties are the beneficiaries of the Condition Precedent set forth in Section 2.3(a), and in order for a waiver of non-satisfaction of such Condition Precedent to be effective, both of the Parties must waive (in their sole discretion) non-satisfaction by the deadline date therefor.

- (b) Termination. If the Condition Precedent is not satisfied or waived in writing by the beneficiary Parties thereto on or before the applicable deadline date therefor, then either of the Parties may terminate this Agreement with no further obligation to either Party (other than any other payment obligations which are accrued and payable at the time of termination) by delivery of Notice to the other Party within fifteen days after the applicable deadline date. If a Party has the right to terminate this Agreement pursuant to this Section 2.4, but fails to deliver Notice of termination within such fifteen day period after such deadline date, then such Party's termination right per this Section 2.4 for such deadline date shall be deemed waived in its entirety. Upon a termination of this Agreement by either Party as a result of the failure of the Condition Precedent set forth in Section 2.3(a) to be satisfied or waived by Buyer, Buyer shall return to Seller the Development Period Security. .

2.5 Effectiveness of Agreement on and after CP Satisfaction Date. This Agreement shall be in full force and effect, enforceable and binding in all respects as of the CP Satisfaction Date until the conclusion of the Delivery Term or earlier termination pursuant to the terms of this Agreement; provided however, that this Agreement shall remain in effect until (i) the Parties have fulfilled all obligations under this Agreement, including payment in full of amounts due for the Product delivered prior to the end of the Delivery Term, the Settlement Amount, indemnification payments or other damages (whether directly or indirectly such as through set-off or netting) and (ii) the undrawn portion of the Development Period Security or Delivery Term Security, as applicable, is released and/or returned as applicable (if any is due). All indemnity rights shall survive the termination or expiration of this Agreement for the longer of

twelve (12) months or the expiration of the statute of limitations period of the claim underlying the indemnity obligation.

ARTICLE THREE: OBLIGATIONS AND DELIVERIES

3.1 Transaction.

- (a) Product. The “Product” to be delivered and sold by Seller and received and purchased by Buyer under this Agreement is As-Available Energy, *[Delete for Energy Only Bids: Capacity Attributes,]* Green Attributes, and other ancillary products, services or attributes similar to the foregoing which are or can be produced by or associated with the Project (net of Station Service) in accordance with the terms hereof.
- (b) Transaction. Unless specifically excused by the terms of this Agreement during the Delivery Term, Seller shall sell and deliver, or cause to be delivered, and Buyer shall purchase and receive, or cause to be received, the Product at the Delivery Point, and Buyer shall pay Seller for the Product in accordance with the terms hereof. In no event shall Seller have the right to procure any element of the Product from sources other than the Project for sale or delivery to Buyer under this Agreement.
- (c) Delivery Term. The Parties agree that the period of Product delivery is *[insert: “ten (10)”, “fifteen (15), or “twenty (20)”]* Contract Years. As used herein, “Delivery Term” shall mean the period of Contract Years specified above beginning on the Commercial Operation Date and continuing until the end of the last Contract Year unless terminated earlier as provided by the terms of this Agreement.
- (d) Delivery Point. *[For Project with transmission level interconnection, insert: “The Delivery Point shall be the point of interconnection of the Project to the CAISO Grid (and, for payment purposes, the corresponding PNode).] [For Project with distribution level interconnection, insert: “The Delivery Point shall be the point on the CAISO Grid where the Participating Transmission Owner’s distribution system interconnects to the CAISO Grid as set forth in their Meter Services Agreement, as may be acceptable to Buyer in its reasonable discretion (and, for payment purposes, the corresponding PNode).”]*
- (e) Contract Quantity and Guaranteed Energy Production. The quantity of Delivered Energy that Seller expects to be able to deliver to Buyer during each Contract Year is [_____] MWh *[For solar facilities, insert: to be degraded each Contract Year by [insert manufacturer’s degradation factor] (“Contract Quantity”). [For all facilities other than hydro facilities, insert: Throughout the Delivery Term, Seller shall be required to deliver to Buyer no less than the Guaranteed*

Energy Production (as defined below) in any *[For baseload facilities insert: “twelve (12)”]* *[For all facilities other than baseload facilities insert: “twenty-four (24)”]* consecutive calendar month period during the Delivery Term (“Performance Measurement Period”). “Guaranteed Energy Production” means an amount of Energy, as measured in MWh, equal to *[For wind facilities, insert “one hundred and forty percent (140%)”, [for solar facilities, insert “one hundred and sixty percent (160%)”]* *[for baseload facilities, insert “ninety percent (90%)”]* of the weighted average of the Contract Quantity for the Performance Measurement Period.] Notwithstanding the excuses to performance set forth in the definition of the Product type (as such Product type is specified in Section 3.1(a)), Seller shall be excused from achieving the Guaranteed Energy Production during any Performance Measurement Period only to the extent of any Force Majeure events, Buyer’s failure to perform, or Dispatch Down Periods. For purposes of determining whether Seller has achieved the Guaranteed Energy Production, Seller shall be deemed to have delivered to Buyer Energy in the amount it could reasonably have delivered to Buyer but was prevented from delivering to Buyer by reason of any Force Majeure events, Buyer’s failure to perform, or Dispatch Down Periods.

- (f) Contract Capacity. The “Contract Capacity” is the full generation capacity of the Project net of all Station Service which shall be [__MW]. Throughout the Delivery Term, Seller shall sell and Schedule all Product associated with the Contract Capacity of the Project *[For FCDS bids insert: “,including Capacity Attributes,”]* solely to Buyer, except in the case of an Event of Default of Buyer or during Dispatch Down Periods. In no event shall Buyer be obligated to receive or pay for, in any hour, any Product, as measured by Delivered Energy, that exceeds the Contract Capacity.
- (g) Project. All Product provided by Seller pursuant to this Agreement shall be supplied from the Project only. Other than maintenance in accordance with Good Industry Practices, Seller shall not make any alteration or modification to the Project which results in a change to the Contract Capacity of the Project without Buyer’s prior written consent. The Project is further described in Exhibit A.
- (h) Performance Excuses.
 - (i) Seller Excuses. The performance of Seller to Schedule, deliver, and sell the Product shall be excused only for the reasons set forth in the definition of “As-Available”. If Seller fails to Schedule, deliver, or sell all or part of the Product, and such failure is not excused as described above, then Seller shall pay Buyer, on the date payment would otherwise be due in respect of the month in which the failure occurred an amount for such Product deficiency equal to the positive difference, if any, obtained by subtracting (A) the product of the Energy Price times the weighted average TOD Factor for such period of Product

deficiency times the Product deficiency, from (B) the product of the Replacement Price times the Product deficiency. The invoice for such amount shall include a written statement explaining in reasonable detail the calculation of such amount.

(ii) Buyer Excuses. The performance of Buyer to Schedule, receive, and pay for the Product shall be excused only (A) during periods of Force Majeure, (B) by Seller's failure to perform or (C) during Dispatch Down Periods. If Buyer fails to Schedule, receive, or purchase all or part of the Product and such failure is not excused as described above, then Buyer shall pay Seller, on the date payment would otherwise be due in respect of the month in which the failure occurred an amount for such Product deficiency equal to the positive difference, if any, obtained by subtracting (Y) the product of the Sales Price times the Product deficiency from (Z) the product of the Energy Price times the weighted average TOD Factor for such period of Product deficiency times the Product deficiency. The invoice for such amount shall include a written statement explaining in reasonable detail the calculation of such amount.

(i) Green Attributes. Seller hereby provides and conveys all Green Attributes associated with all electricity generation from the Project to Buyer as part of the Product being delivered. Seller represents and warrants that Seller holds the rights to all Green Attributes from the Project, and Seller agrees to convey and hereby conveys all such Green Attributes to Buyer as included in the delivery of the Product from the Project.

(j) ~~Delete and replace with "Reserved" for Energy Only Bids: Resource Adequacy~~. During the Delivery Term, Seller grants, pledges, assigns and otherwise commits to Buyer all of the Project's Contract Capacity, including Capacity Attributes, from the Project for Buyer to use in meeting its Resource Adequacy or successor program requirements, as the CPUC, CAISO or other regional entity may prescribe but only to the extent (1) the deliverability Network Upgrades for the Project, if any, are operational and (2) if deliverability Network Upgrades, if any, are required by this Section 3.1(j). Seller agrees that it shall take all commercially reasonable actions and execute any and all documents or instruments reasonably necessary to enable Buyer to use all of the Contract Capacity, including Capacity Attributes, to be committed by Seller to Buyer pursuant to this Agreement for the Resource Adequacy requirements of Buyer, including for necessary deliverability Network Upgrades. If there are determined to be deliverability Network Upgrade costs, Buyer can request that Seller elect to fund or elect not to fund all deliverability Network Upgrades. However, if Seller elects to fund all deliverability Network Upgrades after Buyer's request that Seller not fund such deliverability Network Upgrades, Buyer shall have the right to declare a termination, and Seller shall owe Buyer a Termination Payment. If Buyer requests that Seller fund certain deliverability Network Upgrades and Seller elects to fund, but the Project does not obtain Full Capacity Deliverability Status on or before January 1, 2022, Buyer shall have the right to declare a termination, and

Seller shall owe Buyer a Termination Payment. If the Seller is required to provide Resource Adequacy hereunder, Seller agrees that the Project is subject to the terms of the Availability Standards./

- (k) Climate Registry. Seller shall register the Project with the Climate Registry as may be required by the CPUC pursuant to Decision 06-02-032 and any subsequent order, but in any event, no later than the initial delivery of test Energy to Buyer prior to the Commercial Operation Date.
- (l) WREGIS. Prior to the initial delivery of Energy to Buyer, Seller shall register the Project in WREGIS, and take all other actions necessary to ensure that the Energy or Green Attributes produced from the Project are issued and tracked for purposes of satisfying the requirements of the California Renewable Portfolio Standard and transferred to Buyer, including payment of all fees required to register the facility in WREGIS, issue WREGIS certificates, and transfer such certificates to Buyer. Seller warrants that all necessary steps to allow the Renewable Energy Credits transferred to Buyer to be tracked in WREGIS will be taken prior to the first delivery under the Agreement, including executing a CAISO Qualified Reporting Entity Service Agreement to allow CAISO, on the Seller's behalf, to upload generation information directly into WREGIS.

3.2 Transmission.

- (a) Seller's Transmission Service Obligations. During the Delivery Term, Seller shall arrange and be responsible for transmission service for delivery of the Product to and at the Delivery Point and bear all risks and costs associated with such transmission service, including, but not limited to, all Transmission Provider costs and charges, electric transmission and distribution losses, and any transmission or distribution level outages or curtailment, except as provided otherwise in this Agreement in respect of Dispatch Down Periods. Seller shall fulfill all contractual, metering and applicable interconnection requirements, including those set forth in Participating Transmission Owner's applicable tariffs, the CAISO Tariff and implementing CAISO standards and requirements, including, but not limited to, executing applicable interconnection agreements, Participating Generator Agreement and Meter Service Agreement so as to be able to deliver Energy to the CAISO Grid. Seller shall arrange for any interconnection agreement with the CAISO (or the Participating Transmission Owner, for distribution level interconnections) and such interconnection agreement is separate and not a part of this Agreement.
- (b) Buyer's Transmission Service Obligations. During the Delivery Term, Buyer shall arrange and be responsible for transmission service for

delivery of the Product from the Delivery Point and bear all risks and costs associated with such transmission service, including, but not limited to, all Transmission Provider costs and charges, electric transmission losses, and any transmission outages or curtailment, except as provided otherwise in this Agreement in respect of Dispatch Down Periods.

- (c) Congestion Charges. Seller shall be responsible for all costs of congestion for transmission of the Product up to and at the Delivery Point. Buyer shall be responsible for all costs of congestion for transmission of the Product from the Delivery Point. To the extent that Seller is reimbursed for or receives any refunds, credits, or benefits from the CAISO for congestion charges or losses in respect of transmission of the Product from the Delivery Point, whether due to differences between the locational marginal pricing at the Delivery Point and Buyer's load aggregation point or any other point downstream of the Delivery Point, congestion revenue rights associated with any transmission path downstream of the Delivery Point, or any other hedging instruments associated with the transmission of the Product from the Delivery Point (collectively, any such refunds, credits or benefits are referred to as "Reductions"), then, at Buyer's option, either (i) Seller shall transfer any such Reductions and their related rights to Buyer; or (ii) Buyer shall reduce payments due to Seller under this Agreement in amounts equal to the Reductions and Seller shall retain the Reductions.

3.3 Scheduling.

- (a) *[For As-Available intermittent Product only: PIRP Requirements.*

Seller shall cause the Project to become a Participating Intermittent Resource including executing all necessary documents to become a Participating Intermittent Resource. Seller shall be responsible for all CAISO forecasting fees and related charges associated with the Project becoming a Participating Intermittent Resource and participating in PIRP. Seller and Buyer shall comply with PIRP, and all additional protocols issued by the CAISO relating to Participating Intermittent Resources, including the PIRP, for the Delivery Term. Seller shall provide Buyer with a copy of the notice from the CAISO certifying the Project as a Participating Intermittent Resource as close to the Commercial Operation Date as possible. In the event that PIRP or the CAISO Tariff and/or any protocols relating thereto are changed, amended, modified replaced or terminated, Seller and Buyer agree to comply with such revisions and, to the extent practical, to implement such revisions in a manner that maintains the relative economic positions of the parties as of the date of this Agreement.]

- (b) Scheduling Coordinator.

[NOTE TO BIDDERS: See RFO details relating to Seller's election of SC services][When Seller is SC for the Project, include the following two paragraphs:

(i) Seller as Scheduling Coordinator for the Project. During the Delivery Term, Seller shall be its own Scheduling Coordinator or designate a qualified third party to provide Scheduling Coordinator services with its Transmission Provider to Schedule and deliver the Product to the Delivery Point and Buyer shall be its own Scheduling Coordinator or designate a qualified third party to provide Scheduling Coordinator services with its Transmission Provider to Schedule and receive the Product at the Delivery Point. Throughout the Delivery Term, Buyer and Seller shall submit inter-SC trades for scheduling all Product from the Project at the Delivery Point (including Energy, Integrated Forward Market Load Uplift Obligations in respect of self-scheduled Energy, and other Product from time to time contemplated under the CAISO Tariff to be subject to inter-SC trades), based on a final Schedule developed in compliance with this Agreement. During the Delivery Term, each Party or each Party's SC shall conduct all Scheduling in accordance with the operating procedures developed by the Parties pursuant to Section 3.10 and in full compliance with the applicable CAISO Tariff, protocols and Scheduling practices for Product on a day-ahead, hour-ahead, or real time basis, as determined by Buyer. ***[For As-Available intermittent Product only:*** Whenever PIRP is applicable, Seller shall submit Schedules and any updates to such Schedules to the CAISO based on the most current forecast of Delivered Energy consistent with PIRP.]] It is the intent of the Parties that neither Party be subject to a double payment or a double charge for Product from the Project through this Agreement and CAISO settlement process and that the more detailed Scheduling and operating procedures developed pursuant to Section 3.10 complement the CAISO settlement process to produce a final economic result between them that is consistent with the fundamental transaction of this Agreement.

(ii) CAISO Costs and Revenues. Seller shall be responsible for CAISO costs (including penalties and other charges) and shall be entitled to all CAISO revenues (including credits and other payments) as the Scheduling Coordinator for the Project, in each case, associated with Imbalance Energy, including all CAISO charges or penalties incurred as a consequence of the Project not being available, the Seller not notifying the CAISO and Buyer of outages in a timely manner (in accordance with the CAISO Tariff and as set forth in Section 3.7), any other failure by Seller to abide by the CAISO Tariff, and any other deviations between Delivered Energy and Scheduled Energy that are attributable to Seller, the Project, or any event, circumstance, act, or incident occurring prior to or at the Delivery Point, including without limitation uninstructed deviation penalties. The Parties agree that any Availability Incentive Payments are for the benefit of the Seller and for Seller's account and that any Non-Availability Charges are the responsibility of the Seller and for Seller's account. In addition, if during the Delivery Term, the CAISO implements or has implemented any sanction or penalty related to scheduling, outage reporting, or generator operation, the cost of the sanctions or penalties shall be the Seller's responsibility. Buyer shall be entitled to all credits, payments, or revenues from the CAISO in respect of the Product Scheduled or delivered from the Project, including revenues associated with CAISO dispatches, inter-SC trade credits, and bid cost recovery.]

[When SDG&E is SC for the Project, include the following seven paragraphs:

(iii) Buyer as Scheduling Coordinator for the Project. Upon initial synchronization of the Project to the CAISO Grid, Buyer shall be the Scheduling Coordinator or designate a qualified third party to provide Scheduling Coordinator services with the CAISO for the Project for both the delivery and the receipt of the Product at the Delivery Point. At least

thirty (30) days prior to the initial synchronization of the Project to the CAISO Grid, Seller shall take all actions and execute and deliver to Buyer and the CAISO all documents necessary to authorize or designate Buyer as Seller's Scheduling Coordinator for the Project effective as of initial synchronization of the Project to the CAISO Grid. On and after initial synchronization of the Project to the CAISO Grid, Seller shall not authorize or designate any other party to act as Seller's Scheduling Coordinator, nor shall Seller perform for its own benefit the duties of Scheduling Coordinator, and Seller shall not revoke Buyer's authorization to act as Seller's Scheduling Coordinator unless agreed to by Buyer. Buyer (as Seller's SC) shall submit Schedules to the CAISO based on the final Schedule developed in accordance with this Agreement, the operating procedures developed by the Parties pursuant to Section 3.10, and the applicable CAISO Tariff, protocols and Scheduling practices for Product on a day-ahead, hour-ahead, or real time basis, as determined by Buyer. ***[For As-Available intermittent Product only:*** Buyer (as Seller's SC) shall submit Schedules and any updates to such Schedules to the CAISO based on the most current forecast of Delivered Energy consistent with PIRP whenever PIRP is applicable, and consistent with Buyers' best estimate based on the information reasonably available to Buyer including Buyer's forecast whenever PIRP is not applicable.]

(iv) **Notices.** Buyer (as Seller's SC) shall provide Seller with access to a web based system through which Seller shall submit to Buyer and the CAISO all notices and updates required under the CAISO Tariff regarding the Project's status, including, but not limited to, all outage requests, forced outages, forced outage reports, clearance requests, or must offer waiver forms. In accordance with Section 3.7 and this Section 3.2, Seller will cooperate with Buyer to provide such notices and updates. If the web based system is not available, Seller shall promptly submit such information to Buyer and the CAISO (in order of preference) telephonically, by electronic mail, or facsimile transmission to the personnel designated to receive such information.

(v) **CAISO Costs and Revenues.** Except as otherwise set forth below and elsewhere in this Agreement, Buyer (as Seller's SC) shall be responsible for CAISO costs (including penalties, ***[For As-Available Product PIRP Participants only:*** Negative Imbalance Energy costs,] and other charges) and shall be entitled to all CAISO revenues (including credits, ***[For As-Available Product PIRP Participants only:*** Positive Imbalance Energy revenues,] and other payments) as the Scheduling Coordinator for the Project, including revenues associated with CAISO dispatches, bid cost recovery, inter-SC trade credits, or other credits in respect of the Product Scheduled or delivered from the Project. ***[For As-Available Product PIRP Participants only:*** Seller shall be responsible for all CAISO charges or penalties net of credits and payments, in each case, resulting from the Seller not notifying the CAISO and Buyer (as Seller's SC) of outages or other unavailability of Project capacity in a timely manner (in accordance with the CAISO Tariff and as set forth in Section 3.7) or any other failure by Seller to abide by the CAISO Tariff, including without limitation uninstructed deviation penalties resulting therefrom.] ***[For As-Available Product non-PIRP Participants only:*** Seller shall be responsible for all CAISO costs and penalties and other charges (and not revenues, credits or payment) in connection with Imbalance Energy during any CAISO settlement interval that the Performance Tolerance Band has been exceeded for any reason, other than Buyer's failure to perform.] The Parties agree that any Availability Incentive Payments are for the benefit of the Seller and for Seller's account and that any Non-Availability Charges are the responsibility of the Seller and for Seller's account. In addition, if during the Delivery Term, the CAISO

implements or has implemented any sanction or penalty related to scheduling, outage reporting, or generator operation, and any such sanctions or penalties are imposed upon the Project or to Buyer as Scheduling Coordinator due to the actions or inactions of Seller, the cost of the sanctions or penalties shall be the Seller's responsibility.

(vi) CAISO Settlements. Buyer (as Seller's SC) shall be responsible for all settlement functions with the CAISO related to the Project. Buyer shall render a separate invoice to Seller for any CAISO charges or penalties ("CAISO Charges Invoice") for which Seller is responsible under this Agreement. CAISO Charges Invoices shall be rendered after settlement information becomes available from the CAISO that identifies any CAISO charges. Notwithstanding the foregoing, Seller acknowledges that the CAISO will issue additional invoices reflecting CAISO adjustments to such CAISO charges. Seller shall pay the amount of CAISO Charges Invoices within ten Business Days of Seller's receipt of the CAISO Charges Invoice. If Seller fails to pay such CAISO Charges Invoice within that period, Buyer may net or offset any amounts owing to it for these CAISO Charges Invoices against any future amounts it may owe to Seller under this Agreement. The obligations under this section with respect to payment of CAISO Charges Invoices shall survive the expiration or termination of this Agreement.

(vii) Dispute Costs. Buyer (as Seller's SC) may be required to dispute CAISO settlements in respect of the Project. Seller agrees to pay Buyer's costs and expenses (including reasonable attorneys' fees, including reasonably allocated costs of in-house counsel of the Buyer) associated with its involvement with such CAISO disputes.

(viii) Terminating Buyer's Designation as Scheduling Coordinator. At least thirty (30) days prior to expiration of this Agreement or as soon as reasonably practicable upon an earlier termination of this Agreement, the Parties will take all actions necessary to terminate the designation of Buyer as Scheduling Coordinator for the Project as of 11:59 p.m. on such expiration date.

(ix) Master Data File and Resource Data Template. Seller shall provide the data to the CAISO (and to Buyer) that is required for the CAISO's Master Data File and Resource Data Template (or successor data systems) for this Project consistent with this Agreement. Neither Party shall change such data without the other Party's prior written consent.]

- (c) Annual Delivery Schedules. No later than forty-five (45) days before (A) the first day of the first Contract Year of the Delivery Term and (B) the beginning of each calendar year for every subsequent Contract Year during the Delivery Term, Seller shall provide a non-binding forecast of each month's average-day expected Delivered Energy, by hour, for the following calendar year.
- (d) Monthly Delivery Schedules. Ten (10) Business Days before the beginning of each month during the Delivery Term, Seller shall provide a non-binding forecast of each day's average expected Delivered

Energy, by hour, for the following month (“Monthly Delivery Forecast”).

- (e) Daily Delivery Schedules. By 5:30 AM Pacific Prevailing Time on the Business Day immediately preceding the date of delivery, Seller shall *[When Seller is SC for the Project: cause its Scheduling Coordinator to] provide Buyer with a [For As-Available intermittent Product only: non-binding forecast of the Project’s available capacity (or if PIRP is not available for any reason, the expected Delivered Energy)] [For all Products other than As-Available intermittent: binding forecast of the expected Delivered Energy] for each hour of the immediately succeeding day (“Day-Ahead Forecast”) [For all Products other than As-Available intermittent: [When Seller is SC for the Project: concurrent with delivery to the CAISO] [When SDGE is SC for the Project: and Buyer shall submit a Schedule to the CAISO consistent with such Day-Ahead Forecast]]. A Day-Ahead Forecast provided in a day prior to any non-Business Day(s) shall include Schedules for the immediate day, each succeeding non-Business Day and the next Business Day. Each Day-Ahead Forecast shall clearly identify, for each hour, Seller’s best estimate of [For As-Available intermittent Product only: the Project’s available capacity (or if PIRP is not available for any reason, the expected Delivered Energy)] [For all Products other than As-Available intermittent: the expected Delivered Energy]. Seller may not change such Schedule past the deadlines provided in this section except in the event of a Forced Outage or Schedule change imposed by Buyer or the CAISO, in which case Seller shall promptly provide Buyer with a copy of any and all updates to such Schedule indicating changes from the then-current Schedule. These notices and changes to the Schedules shall be sent to Buyer’s on-duty Scheduling Coordinator. If Seller fails to provide Buyer with a Day-Ahead Forecast as required herein, then for such unscheduled delivery period only Buyer shall rely on the delivery Schedule provided in the Monthly Delivery Forecast or Buyer’s best estimate based on information reasonably available to Buyer and Seller shall be liable for Scheduling and delivery based on such Monthly Delivery Forecast or Buyer’s best estimate.*
- (f) Hourly Delivery Schedules. Notwithstanding anything to the contrary herein, in the event Seller makes a change to its Schedule on the actual date of delivery for any reason including Forced Outages (other than a scheduling change imposed by Buyer or CAISO) which results in a change to its deliveries (whether in part or in whole), Seller shall notify Buyer immediately by calling Buyer’s on-duty Scheduling Coordinator. Seller shall notify Buyer and the CAISO of Forced Outages in accordance with Section 3.7. Seller shall keep Buyer informed of any developments that will affect either the duration of the outage or the availability of the Project during or after the end of the outage.

3.4 Dispatch Down/Curtailment. Seller shall reduce delivery amounts as directed by the CAISO, the Participating Transmission Owner, Buyer, or a Transmission Provider during any Dispatch Down Period.

3.5 Standards of Care.

- (a) General Operation. Seller shall comply with all applicable requirements of Law, the CAISO, NERC and WECC relating to the Project (including those related to construction, ownership and/or operation of the Project).
- (b) CAISO and WECC Standards. Each Party shall perform all generation, scheduling and transmission services in compliance with all applicable (i) operating policies, criteria, rules, guidelines, tariffs and protocols of the CAISO, (ii) WECC scheduling practices and (iii) Good Industry Practices.
- (c) Reliability Standard. Seller agrees to abide by all (i) NERC, WECC and CAISO reliability requirements, including all such reliability requirements for generator owners and generator operators, and, if applicable, CPUC General Order No.167, "Enforcement of Maintenance and Operation Standards for Electrical Generating Facilities," and (ii) all applicable requirements regarding interconnection of the Project, including the requirements of the interconnected Transmission Provider. Seller shall enter into and comply with the WECC Reliability Management System (Generator) Agreement, or successor agreement, as of the Commercial Operation Date and throughout the Delivery Term.

3.6 Metering.

- (a) CAISO Revenue Meter. All output from the Project per the terms of this Agreement must be delivered through a single CAISO revenue meter (for Aggregate Projects, each site shall be metered through a single CAISO revenue meter) and that meter must be dedicated exclusively to the Project described herein. All Product purchased under this Agreement must be measured by the Project's CAISO revenue meter(s) to be eligible for payment under this Agreement. Seller shall bear all costs relating to all metering equipment reasonably necessary to accommodate the Project. In addition, Seller hereby agrees to provide all meter data to Buyer in a form acceptable to Buyer, and consents to Buyer obtaining from the CAISO the CAISO meter data applicable to the Project and all inspection, testing and calibration data and reports. Seller shall grant Buyer the right to retrieve the meter reads from the CAISO meter reporting website and/or directly from the CAISO meter(s) at the Project site. If the CAISO makes any adjustment to any CAISO meter data for a given time period, Seller

agrees that it shall submit revised monthly invoices, pursuant to Section 6.2, covering the entire applicable time period in order to conform fully such adjustments to the meter data. Seller shall submit any such revised invoice no later than thirty (30) days from the date on which the CAISO provides to Seller such binding adjustment to the meter data.

(i) Testing and Calibration. Seller shall perform or cause to be performed, at its expense, annual testing and calibration of the electric meters in accordance with Good Industry Practice and the CAISO Tariff. Seller shall give Buyer reasonable advance notice of any inspection, testing or calibration of the electric meters. Buyer shall have the right to have a representative or designee present at such inspection, test or calibration of the electric meters. Buyer shall have the right to require, at Buyer's expense, except as required below, a test of any of the electric meters not more often than two (2) times every twelve (12) months.

(ii) Inaccurate Meters. If any of the electric meters is deemed to be inaccurate under the Meter Service Agreement, deliveries shall be measured by reference to Seller's check-meters, if any are installed and registering accurately, or the meter readings for the period of inaccuracy shall be adjusted as far as can be reasonably ascertained by Seller from the best available data, subject to review and approval by Buyer. If the period of the inaccuracy cannot be ascertained reasonably, any such adjustment shall be for a period equal to one-half of the time elapsed since the preceding test by applying the percentage of inaccuracy so found. Seller shall promptly cause such electric meters to be corrected and, where such inaccuracy was determined pursuant to a test required by Buyer, Seller shall bear the expense of any such test.

(iii) Delivered MWh Adjustments. In the event that, due to correction for inaccurate electric meters deemed to be inaccurate under the Meter Service Agreement, the Delivered Energy is increased or decreased, the revised Delivered Energy shall be used for purposes of calculating payments. If any of such amounts for any period have already been calculated using the previous amount of Delivered Energy, they shall be recalculated using the revised amount of Delivered Energy. If the recalculation changes the amount payable for the period in question, revised payments shall be made by Buyer or Seller, as applicable, in accordance with Section 6.2.

(b) Real Time Telemetry. Seller shall install, activate and maintain metering, communication and telemetry equipment for the Project in a centralized system to which Buyer shall have real time access. Seller shall link its system to Buyer via an approved Buyer communication network, utilizing existing industry standard network protocol, as reasonably approved by Buyer. Seller shall correct any problems with such equipment as soon as practicable.

(c) *[The following section is for PIRP Participants when SDG&E is the SC for the Project]* Meteorological Station. Seller, at its own expense, shall install and maintain such stand-alone meteorological stations at the Project (and, for Aggregate Projects, at each site) as may be required under PIRP and the CAISO Tariff to monitor and report weather data to both the CAISO and Buyer's weather station data

collection system. Each station shall be equipped with instruments and equipment that meet the specifications of PIRP and shall measure, collect, record, format, and communicate the data required under PIRP. Seller shall submit to Buyer for review and approval, which shall not be unreasonably withheld, its technical specifications for the meteorological station along with a site plan showing the location of the station within the Project. Seller shall correct any problems with such equipment as soon as practicable.

3.7 Outage Notification.

- (a) Planned Outages. Seller shall schedule Planned Outages for the Project in accordance with Good Industry Practices and with the prior written consent of Buyer, which consent may not be unreasonably withheld or conditioned. The Parties acknowledge that in all circumstances, Good Industry Practices shall dictate when Planned Outages should occur. Seller shall notify Buyer of its proposed Planned Outage schedule for the Project for the following calendar year by submitting a written Planned Outage schedule no later than October 1st of each year during the Delivery Term. The Planned Outage schedule is subject to Buyer's approval, which approval may not be unreasonably withheld or conditioned. Buyer shall promptly respond with its approval or with reasonable modifications to the Planned Outage schedule and Seller shall use its best efforts in accordance with Good Industry Practices to accommodate Buyer's requested modifications. Notwithstanding the submission of the Planned Outage schedule described above, Seller shall also submit a completed Outage Notification Form to Buyer no later than fourteen (14) days prior to each Planned Outage and all appropriate outage information or requests to the CAISO in accordance with the CAISO Tariff. Seller shall contact Buyer with any requested changes to the Planned Outage schedule if Seller believes the Project must be shut down to conduct maintenance that cannot be delayed until the next scheduled Planned Outage consistent with Good Industry Practices. Seller shall not change its Planned Outage schedule without Buyer's approval, not to be unreasonably withheld or conditioned. Seller shall use its best efforts in accordance with Good Industry Practices not to schedule Planned Outages during the months of July, August, September and October. At Buyer's request, Seller shall use commercially reasonable efforts to reschedule Planned Outage so that it may deliver Product during CAISO declared or threatened emergency periods. Seller shall not substitute Energy from any other source for the output of the Project during a Planned Outage.
- (b) Forced Outages. Within *[When Seller is the SC for the Project: Within two hours of any Forced Outage,] [When SDG&E is the SC for the Project: Within one-half of the notification time prescribed under the CAISO Tariff for Forced Outages,]* Seller shall submit a completed

Outage Notification Form to the Buyer in accordance with the instructions shown on the form and shall submit outage information to the CAISO in accordance with the CAISO Tariff [*When SDG&E is the SC for the Project:* and Section 3.3(b)(ii) above]. Seller shall not substitute Energy from any other source for the output of the Project during a Forced Outage.

- (c) Coordination with CAISO. Seller shall be responsible [*When SDG&E is SC for the Project:* in accordance with Section 3.3(b)(ii)] for all outage coordination communications with the CAISO. Buyer shall cooperate with Seller in arranging and coordinating all Project outages with the CAISO.

3.8 Operations Logs and Access Rights.

- (a) Operations Logs. Seller shall maintain a complete and accurate log of all material operations and maintenance information on a daily basis. Such log shall include, but not be limited to, information on power production, fuel consumption, efficiency, availability, maintenance performed, outages, results of inspections, manufacturer recommended services, replacements, electrical characteristics of the generators, control settings or adjustments of equipment and protective devices. Seller shall maintain this information for at least two (2) years and shall provide this information electronically to Buyer within one day of Buyer's request.
- (b) Access Rights. Buyer, its authorized agents, employees and inspectors shall have the right of ingress to and egress from the Project during normal business hours upon reasonable advance Notice and for any purposes reasonably connected with this Agreement.

3.9 [*For existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement delete Section 3.9 and replace with "Reserved"*]
New Generation Facility.

- (a) Project Development. Seller, at no cost to Buyer, shall:
 - (i) Design and construct the Project.
 - (ii) Perform all studies, pay all fees, obtain all necessary approvals and execute all necessary agreements with the CAISO and the Participating Transmission Owner for the Electrical Interconnection Upgrades to Schedule and deliver the Product from the Project [*For FCDS bids, insert: "under "Full Capacity Deliverability Status" (as defined in the CAISO Tariff), except when construction of deliverability Network Upgrades is not required under Section 3.1(j)"*].
 - (iii) Acquire all Governmental Approvals and other approvals necessary for the construction, operation, and maintenance of the Project.

(iv) Complete all environmental impact studies necessary for the construction, operation, and maintenance of the Project, including all environmental analysis required under the California Environmental Quality Act for the Project and related interconnection facilities.

(v) At Buyer's request, provide to Buyer Seller's electrical specifications and design drawings pertaining to the Project.

(vi) Within fifteen (15) days after the close of the sixth month following the Execution Date until the Commercial Operation Date, provide to Buyer a Semiannual Progress Report and agree to regularly scheduled meetings between representatives of Buyer and Seller to review such reports and discuss Seller's construction progress. The Semiannual Progress Report shall identify the Milestones and indicate whether Seller has met or is on target to meet such Milestones.

(vii) Provide access to Buyer, its authorized agents, employees and inspectors for purpose of inspecting the Project's construction site or on-site Seller data and information pertaining to the Project during normal business hours upon reasonable advance Notice.

(b) Construction Milestones.

(i) The Parties agree time is of the essence in regards to this Agreement. As such, the Parties also agree certain milestones for the construction of the Project as set forth in the Milestone schedule attached hereto as Exhibit B ("Milestones") must be achieved in a timely fashion.

(ii) Within seven (7) days after completion of each Milestone, Seller shall provide Buyer with Notice along with accompanying documentation (including reasonably redacted copies of applicable agreements, Governmental Approvals, and certificates) to reasonably demonstrate the achievement of such Milestone. If Seller misses the deadline date for three (3) or more Milestones or misses the deadline date for any one Milestone by more than ninety (90) days, Seller shall submit to Buyer, within ten (10) Business Days of such missed Milestone completion date, a remedial action plan ("Remedial Action Plan") that describes in detail a reasonable course of action and plan (including accelerating the work, for example, by using additional shifts, overtime, additional crews or resequencing of the work, as applicable) to achieve the missed Milestones and all subsequent Milestones no later than the end of the Project Cure Period; provided, that delivery of any Remedial Action Plan shall not relieve Seller of its obligation to meet any subsequent Milestones and the Guaranteed Commercial Operation Date.

(c) Guaranteed Commercial Operation.

(i) COD. Seller shall cause the Project to achieve the Commercial Operation Date by the Guaranteed Commercial Operation Date, unless extended in accordance with Section 3.9(c)(ii).

(ii) Extensions. The Guaranteed Commercial Operation Date may be extended one time for no more than a six (6) month period (the "Project Cure Period") for

cumulative delays if Seller demonstrates to Buyer's reasonable satisfaction after giving written notice as soon as reasonably possible but at least at sixty (60) days prior to the original Guaranteed Commercial Operation Date, which includes a feasible remedial action plan, that:

(A) if Seller has used commercially reasonable efforts (including but not limited to Seller's timely filing of required documents and payment of all applicable fees) to obtain permits necessary for the construction and operation of the Project, but is unable to obtain such permits due to delays beyond Seller's reasonable control;

(B) if Seller has used commercially reasonable efforts (including but not limited to Seller's timely filing of required documents and payment of all applicable fees) to have the Project physically interconnected to the CAISO Grid, or to the Participating Transmission Owner's distribution system, as applicable, and to complete all Electrical Interconnection Upgrades needed, if any, in order to interconnect the Project, as required herein, to the CAISO Grid, but fails to secure any necessary commitments from CAISO or the Participating Transmission Owner for such interconnection and upgrades due to delays beyond Seller's reasonable control; or

(C) in the event of Force Majeure without regard to delays described in Section (A) or (B) above; provided that Seller works diligently to resolve the effect of the Force Majeure and provides evidence of its efforts promptly to Buyer upon Buyer's written request.

3.10 Operating Procedures. No later than forty-five (45) days before the Commercial Operation Date, and from time to time as reasonably determined necessary by the Parties, the Parties shall meet to address how each Party will perform its respective obligations under this Agreement; provided, that the failure to agree on these operating procedures will not relieve the Parties of their respective obligations under this Agreement, and any failure to agree shall be resolved in accordance with the dispute resolution procedures in Article 12.

ARTICLE FOUR: COMPENSATION; MONTHLY PAYMENTS

4.1 Energy Payment.

- (a) Energy Price. The price for each MWh of *[When Seller is SC for the Project or when Buyer is SC but Project is not PIRP eligible: Contract Energy] [When SDG&E is SC for the Project and Project is PIRP eligible: Delivered Energy]* in each Contract Year shall be as follows ("Energy Price"):

<u>Contract Year</u>	<u>Energy Price (\$/MWh)</u>
1	
2	

3	
4	
5	
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8	
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(b) *[For FCDS bids only: TOD Factors and TOD Periods.* In accordance with all other terms of this Article 4, the Energy Price shall be adjusted by the following Time of Delivery Factors (“TOD Factors”) for each of the specified Time of Delivery Periods listed in the first column (“TOD Periods”) in which Energy is delivered.]

TOD Period	Period Days and Hours	Time-of-day Factor
Winter On-Peak	Nov 1 - Jun 30 Weekdays 1 pm to 9 pm PST (HE 14 to HE 21)	1.089
Winter Semi-Peak	Nov 1 - Jun 30 Weekdays 6 am to 1 pm PST (HE 7 to HE 13) Weekdays 9 pm to 10 pm PST (HE 22)	0.947
Winter Off-Peak	Nov 1 - Jun 30 All Weekend Hours NERC Holiday Hours and Weekday Hours not already considered On-Peak or Semi-Peak	0.679

Summer On-Peak	Jul 1 - Oct 31 Weekdays 11 am to 7 pm PST (HE 12 to HE 19)	2.501
Summer Semi-Peak	Jul 1 - Oct 31 Weekdays 6 am to 11 am PST (HE 7 to HE 11) Weekdays 7 pm to 10 pm PST (HE 20 to HE 22)	1.342
Summer Off-Peak	Jul 1 - Oct 31 All Weekend Hours, NERC Holiday Hours and Weekday Hours not already considered On-Peak or Semi-Peak	0.801

[For Energy Only bids: TOD Factors and TOD Periods. In accordance with all other terms of this Article 4, the Energy Price shall be adjusted by the following Time of Delivery Factors (“TOD Factors”) for each of the specified Time of Delivery Periods listed in the first column (“TOD Periods”) in which Energy is delivered:]

TOD Period	Period Days and Hours	Energy Only Time-of-day Factor
Winter On-Peak	Nov 1 - Jun 30 Weekdays 1 pm to 9 pm PST (HE 14 to HE 21)	1.192
Winter Semi-Peak	Nov 1 - Jun 30 Weekdays 6 am to 1 pm PST (HE 7 to HE 13) Weekdays 9 pm to 10 pm PST (HE 22)	1.078
Winter Off-Peak	Nov 1 - Jun 30 All Weekend Hours NERC Holiday Hours and Weekday Hours not already considered On-Peak or Semi-Peak	0.774
Summer On-Peak	Jul 1 - Oct 31 Weekdays 11 am to 7 pm PST (HE 12 to HE 19)	1.531
Summer Semi-Peak	Jul 1 - Oct 31 Weekdays 6 am to 11 am PST (HE 7 to HE 11) Weekdays 7 pm to 10 pm PST (HE 20 to HE 22)	1.181
Summer Off-Peak	Jul 1 - Oct 31 All Weekend Hours, NERC Holiday Hours and Weekday Hours not already considered On-Peak or Semi-Peak	0.900

- (c) *[For FCDS bids: Monthly Energy Payment. For each month during which Seller has achieved “Full Capacity Deliverability Status”, as defined in the CAISO Tariff (“FCDS”) as determined by the CAISO,*

Buyer shall pay Seller for the Product an amount equal to the sum for each hour in the month of the product of the Energy Price times the TOD Factor for the applicable TOD Period times the *[When Seller is SC for the Project or when Buyer is SC but Project is not in PIRP: Contract Energy]* *[When SDG&E is SC for the Project and Project is PIRP eligible: Delivered Energy]* in each hour (“Monthly Energy Payment”). For each month during which Seller has not achieved FCDS as determined by the CAISO, Buyer shall pay Seller for the Product an amount equal to the sum for each hour in the month of the product of the Energy Price minus the \$/MWh equal to the Deliverability Value as defined in the RAM RFO document (“Deliverability Value”) times the TOD Factor for the applicable TOD Period times the *[When Seller is SC for the Project or when Buyer is SC but Project is not PIRP eligible: Contract Energy]* *[When SDG&E is SC for the Project and Project is PIRP eligible: Delivered Energy]* (together, the “Monthly Energy Payment”).

[When Seller is SC for the Project and the Project has achieved FCDS or when Buyer is SC but Project is not PIRP eligible: Monthly Energy Payment for months that Seller has obtained FCDS $\frac{1}{24} \times \text{Contract Energy}$ *]*

[When Seller is SC for the Project and the project has not achieved FCDS or when Buyer is SC but Project is not in PIRP: Monthly Energy Payment for months that Seller has not obtained FCDS $\frac{1}{24} \times ([\text{Energy Price} - \text{Deliverability Value}] \times \text{TOD Factor} \times \text{Contract Energy})$ *]*

[When SDG&E is SC for the Project and Project is PIRP eligible and the Project has achieved FCDS: Monthly Energy Payment for months that Seller has obtained FCDS $\frac{1}{24} \times \text{Delivered Energy}$ *]*

[When SDG&E is SC for the Project and Project is PIRP eligible and the Project has not achieved FCDS: Monthly Energy Payment for months that Seller has not obtained FCDS $\frac{1}{24} \times ([\text{Energy Price} - \text{Deliverability Value}] \times \text{TOD Factor} \times \text{Delivered Energy})$ *]*

[For Energy Only bids: Monthly Energy Payment. For each month, Buyer shall pay Seller for the Product an amount equal to the sum for each hour in the month of the product of the Energy Price times the TOD Factor for the applicable TOD Period times the *[When Seller is SC for the Project or when Buyer is SC but Project is not PIRP eligible: Contract Energy]* *[When SDG&E is SC for the Project and Project is PIRP eligible: Delivered Energy]* in each hour (“Monthly Energy Payment”).

[When Seller is SC for the Project or when Buyer is SC but Project is not PIRP eligible: Monthly Energy]

[When SDG&E is SC for the Project and Project is PIRP eligible: Monthly Energy]

(d) Excess Delivered Energy:

(i) If, during any hour during the Delivery Period, Seller delivers Delivered Energy in excess of one hundred ten percent (110%) of the Contract Capacity, then the Energy Price applicable to all such excess MWh in such hour shall be zero dollars (\$0).

(ii) For all deliveries during the Delivery Period, Delivered Energy amounts in any Contract Year that exceed one hundred and fifteen percent (115%) of the annual Contract Quantity amount for that Contract Year, shall be paid at a rate which is seventy-five percent (75%) of the Energy Price.

(iii) For all deliveries during the Delivery Period, Delivered Energy amounts in any TOD Period that exceed one hundred and fifteen percent (115%) of the TOD Delivery Cap listed herein for that TOD Period shall be paid at a rate which is seventy-five percent (75%) of the Energy Price.

TOD Period	TOD Delivery Cap
Winter On-Peak: Nov 1 - Jun 30 Weekdays 1 pm to 9 pm PST (HE 14 to HE 21)	[Insert number which is derived from multiply annual Contract Quantity times the TOD delivery profile ratio contained bid form]
Winter Semi-Peak: Nov 1 - Jun 30 Weekdays 6 am to 1 pm PST (HE 7 to HE 13) Weekdays 9 pm to 10 pm PST (HE 22)	[Insert number which is derived from multiply annual Contract Quantity times the TOD delivery profile ratio contained bid form]
Winter Off-Peak: Nov 1 - Jun 30 All weekend hours, NERC holiday hours and weekday hours not already considered On-Peak or Semi-Peak	[Insert number which is derived from multiply annual Contract Quantity times the TOD

	delivery profile ratio contained bid form]
Summer On-Peak: Jul 1 - Oct 31 Weekdays 11 am to 7 pm PST (HE 12 to HE 19)	[Insert number which is derived from multiply annual Contract Quantity times the TOD delivery profile ratio contained bid form]
Summer Semi-Peak: Jul 1 - Oct 31 Weekdays 6 am to 11 am PST (HE 7 to HE 11) Weekdays 7 pm to 10 pm PST (HE 20 to HE 22)	[Insert number which is derived from multiply annual Contract Quantity times the TOD delivery profile ratio contained bid form]
Summer Off-Peak: Jul 1 - Oct 31 All weekend hours, NERC holiday hours and weekday hours not already considered On-Peak or Semi-Peak	[Insert number which is derived from multiply annual Contract Quantity times the TOD delivery profile ratio contained bid form]

(iv) In relation to Section 4.1(d)(i)-4.1(d)(iii), the Energy Price shall never be less than zero dollars (\$0), and, if the Energy Price is reduced by seventy five percent (75%) pursuant to Section 4.1(d), it cannot get reduced by an additional seventy five percent (75%).

4.2 Imbalance Energy. Seller shall use commercially reasonable efforts to deliver Energy in accordance with the Scheduled Energy. Buyer and Seller recognize that from time to time the amount of Delivered Energy will deviate from the amount of Scheduled Energy. When Delivered Energy minus Scheduled Energy is a positive amount, it shall be considered “Positive Imbalance Energy;” when Delivered Energy minus Scheduled Energy is a negative amount, the absolute (i.e., positive) value of that amount shall be considered the “Negative Imbalance Energy.” *[When Seller is SC for the Project or when Buyer is SC but Project is not PIRP eligible:* Seller shall be responsible for settlement of Imbalance Energy with the CAISO and all fees, liabilities, assessments, or similar charges assessed by the CAISO in connection with Imbalance Energy. Seller shall also reimburse Buyer for any and all fees, liabilities, assessments, or similar charges assessed by the CAISO, incurred by Buyer as a result of any imbalance in Seller’s scheduling and deliveries from the Project or any other failure by Seller to abide by the CAISO Tariff and all applicable protocols.] Buyer and Seller shall cooperate to minimize charges and imbalances associated with Imbalance Energy to the extent possible. Seller shall promptly notify Buyer as soon as possible of any material imbalance that is occurring

or has occurred. *[When SDG&E is SC for the Project and Project is PIRP eligible: Buyer shall receive all Green Attributes for the Positive Imbalance Energy in all settlement intervals regardless as to whether it was sold into the CAISO.]*

[When Seller is SC for the Project or when Buyer is SC but Project is not PIRP eligible, include the following three paragraphs:

- (a) Positive Imbalance Energy (Over Deliveries). *[For As-Available Product PIRP Participants only:* In the event that Delivered Energy for such month is equal to or greater than Scheduled Energy for such month, Buyer shall have no payment obligation in respect of the Positive Imbalance Energy. Buyer shall receive all Green Attributes for the Positive Imbalance Energy in such month regardless as to whether it was sold into the CAISO. Seller shall be entitled to all payments or credits from the CAISO to Seller's SC in respect of the Positive Imbalance Energy.] *[For all Non-PIRP Participants:* In the event that Delivered Energy for any CAISO settlement interval is equal to or greater than Scheduled Energy for such CAISO settlement interval, Buyer shall have no payment obligation in respect of the Positive Imbalance Energy. Buyer shall receive all Green Attributes for the Positive Imbalance Energy in such CAISO settlement interval regardless as to whether it was sold into the CAISO. Seller shall be entitled to all payments or credits from the CAISO to Seller's SC in respect of the Positive Imbalance Energy.]
- (b) Negative Imbalance Energy (Under Deliveries). *[For As-Available Product PIRP Participants only:* In the event that Delivered Energy for such month is less than Scheduled Energy for such month, Buyer shall pay Seller, in addition to the Monthly Energy Payment, an amount equal to the product of (i) the Negative Imbalance Energy for the month, times (ii) the lower of the Energy Price (without any TOD Factor correction) or the Imbalance Price (defined below) for the month. Seller shall make all payments to the CAISO in respect of the Negative Imbalance Energy required under the CAISO Tariff. The "Imbalance Price" shall be the monthly average imbalance price applied by the CAISO and paid by the Seller with respect to imbalance charges for participants in PIRP]. *[For all Non-PIRP Participants:* In the event that Delivered Energy for any CAISO settlement interval is less than Scheduled Energy for such CAISO settlement interval, Buyer shall have no payment obligation in respect of the Negative Imbalance Energy. Seller shall make all payments to the CAISO in respect of the Negative Imbalance Energy required under the CAISO Tariff.]
- (c) *[For As-Available Product PIRP Participants only:* Invoicing for Imbalance Energy. For monthly invoicing, Seller and Buyer agree to use the last available Imbalance Price. Beginning with the first months' invoice following the month in which the actual Imbalance Price

becomes available for the applicable month, there shall be a true-up adjustment in the next monthly invoice for the Imbalance Price payable in respect of the Imbalance Energy for the applicable month./

4.3 Additional Compensation. To the extent not otherwise provided for in this Agreement, in the event that Seller is compensated by a third party for any Product produced by the Project, including, but not limited to, compensation for *[For FCDS bids: Resource Adequacy or/ Green Attributes,* Seller shall remit all such compensation directly to Buyer; provided that for avoidance of doubt, nothing herein precludes Seller from retaining credits related to transmission upgrades funded by Seller.

4.4 *[Delete and replace with “Reserved” for existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement: Energy Sales Prior to Commercial Operation Date.* Prior to Commercial Operation and Seller obtaining EIRP certification for the Project, Buyer shall pay Seller an amount equal to the sum for each hour of the product of 75% of the Monthly Energy Payment in Contract Year 1 multiplied by the TOD Factor multiplied by the test energy delivered by Seller and received by Buyer in each hour at the Delivery Point, so long as such amount is 1MW or more./

ARTICLE FIVE: EVENTS OF DEFAULT; FORCE MAJEURE

5.1 Events of Default. An “Event of Default” shall mean,

- (a) with respect to a Party that is subject to the Event of Default the occurrence of any of the following
 - (i) the failure by such Party to make, when due, any payment required pursuant to this Agreement and such failure is not remedied within five (5) Business Days after Notice thereof;
 - (ii) any representation or warranty made by such Party herein is false or misleading in any material respect when made or when deemed made or repeated, and such default is not remedied within thirty (30) days after Notice thereof;
 - (iii) the failure by such Party to perform any material covenant or obligation set forth in this Agreement (except to the extent constituting a separate Event of Default, and except for such Party’s obligations to Schedule, deliver, or receive the Product, the exclusive remedy for which is provided in Section 3.1(h)) and such failure is not remedied within thirty (30) days after Notice thereof;
 - (iv) such Party becomes Bankrupt;
 - (v) such Party assigns this Agreement or any of its rights hereunder other than in compliance with Section 13.2; or
 - (vi) such Party consolidates or amalgamates with, or merges with or into, or transfers all or substantially all of its assets to, another entity and, at the time of such consolidation, amalgamation, merger or transfer, the resulting, surviving or transferee entity fails

to assume all the obligations of such Party under this Agreement to which it or its predecessor was a party by operation of Law or pursuant to an agreement reasonably satisfactory to the other Party.

(b) with respect to Seller as the Defaulting Party, the occurrence of any of the following:

(i) if at any time, Seller delivers or attempts to deliver to the Delivery Point for sale under this Agreement Energy that was not generated by the Project;

(ii) the failure by Seller to achieve the Commercial Operation Date *[For existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement, delete: no later than the end of the Project Cure Period;]*

(iii) the failure by Seller to achieve the Guaranteed Energy Production requirement during any Performance Measurement Period as set forth in Section 3.1(e) of this Agreement;

(iv) the failure by Seller to deliver a Remedial Action Plan that reasonably demonstrates in detail how Seller will achieve the Commercial Operation Date [within the Project Cure Period, if such failure is not remedied within ten (10) days after Notice; *[For existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement, delete and replace with "Reserved."]*

(v) failure by Seller to satisfy the collateral requirements pursuant to Sections 8.3 or 8.4 of this Agreement; or

(vi) with respect to any outstanding Letter of Credit provided for the benefit of Buyer that is not then required under this Agreement to be canceled or returned, the failure by Seller to provide for the benefit of Buyer either (1) cash, or (2) a substitute Letter of Credit from a different issuer meeting the criteria set forth in the definition of Letter of Credit, in each case, in the amount required hereunder within five (5) Business Days after Seller receives Notice of the occurrence of any of the following events:

(A) the issuer of the outstanding Letter of Credit shall fail to maintain a Credit Rating of at least "A-" by S&P or "A3" by Moody's;

(B) the issuer of such Letter of Credit becomes Bankrupt;

(C) the issuer of the outstanding Letter of Credit shall fail to comply with or perform its obligations under such Letter of Credit and such failure shall be continuing after the lapse of any applicable grace period permitted under such Letter of Credit;

(D) the issuer of the outstanding Letter of Credit shall fail to honor a properly documented request to draw on such Letter of Credit;

(E) the issuer of the outstanding Letter of Credit shall disaffirm, disclaim, repudiate or reject, in whole or in part, or challenge the validity of, such Letter of Credit;

(F) such Letter of Credit fails or ceases to be in full force and effect at any time; or

(G) Seller shall fail to renew or cause the renewal of each outstanding Letter of Credit on a timely basis as provided in the relevant Letter of Credit and as provided in accordance with this Agreement, and in no event less than sixty (60) days prior to the expiration of the outstanding Letter of Credit.

5.2 Remedies; Declaration of Early Termination Date. If an Event of Default with respect to a Defaulting Party shall have occurred and be continuing, the other Party (“Non-Defaulting Party”) shall have the right (a) to send Notice, designating a day, no earlier than the day such Notice is deemed to be received and no later than twenty (20) days after such Notice is deemed to be received, as an early termination date of this Agreement (“Early Termination Date”) that terminates this Agreement and ends the Delivery Term effective as of the Early Termination Date, to accelerate all amounts owing between the Parties, and to collect liquidated damages calculated in accordance with Section 5.3 below (“Termination Payment”); (b) to withhold any payments due to the Defaulting Party under this Agreement; (c) to suspend performance; and (d) to exercise any other right or remedy available at law or in equity, including specific performance or injunctive relief, except to the extent such remedies are expressly limited under this Agreement.

5.3 Termination Payment. The Termination Payment for a Terminated Transaction shall be the aggregate of all Settlement Amounts plus any or all other amounts due to the Non-Defaulting Party netted into a single amount. Except in the case of a termination of this Agreement by the Non-Defaulting Party solely as a result of an Event of Default by the Defaulting Party under Section 5.1(a)(iv) [Bankruptcy], if the Non-Defaulting Party’s aggregate Gains exceed its aggregate Losses and Costs, if any, resulting from the termination of this Agreement, the Termination Payment shall be zero. The Non-Defaulting Party shall calculate, in a commercially reasonable manner, a Settlement Amount for the Terminated Transaction as of the Early Termination Date. Third parties supplying information for purposes of the calculation of Gains or Losses may include, without limitation, dealers in the relevant markets, end-users of the relevant product, information vendors and other sources of market information. The Settlement Amount shall not include consequential, incidental, punitive, exemplary, indirect or business interruption damages; provided, however, that any lost Capacity Attributes and Green Attributes shall be deemed direct damages covered by this Agreement. Without prejudice to the Non-Defaulting Party’s duty to mitigate, the Non-Defaulting Party shall not have to enter into replacement transactions to establish a Settlement Amount. Each Party agrees and acknowledges that (a) the actual damages that the Non-Defaulting Party would incur in connection with a Terminated Transaction would be difficult or impossible to predict with certainty, (b) the Termination Payment described in this section is a reasonable and appropriate approximation of such damages, and (c) the Termination Payment described in this section is the exclusive remedy of the Non-Defaulting Party in connection with a Terminated Transaction but shall not otherwise act to limit any of the Non-Defaulting Party’s rights or remedies if the Non-Defaulting Party

does not elect a Terminated Transaction as its remedy for an Event of Default by the Defaulting Party.

5.4 Notice of Payment of Termination Payment. As soon as practicable after a Terminated Transaction, Notice shall be given by the Non-Defaulting Party to the Defaulting Party of the amount of the Termination Payment and whether the Termination Payment is due to the Non-Defaulting Party. The Notice shall include a written statement explaining in reasonable detail the calculation of such amount and the sources for such calculation. The Termination Payment shall be made to the Non-Defaulting Party, as applicable, within ten (10) Business Days after such Notice is effective.

5.5 Disputes With Respect to Termination Payment. If the Defaulting Party disputes the Non-Defaulting Party's calculation of the Termination Payment, in whole or in part, the Defaulting Party shall, within five (5) Business Days of receipt of the Non-Defaulting Party's calculation of the Termination Payment, provide to the Non-Defaulting Party a detailed written explanation of the basis for such dispute. Disputes regarding the Termination Payment shall be determined in accordance with Article 12.

5.6 Rights And Remedies Are Cumulative. Except where liquidated damages are provided as the exclusive remedy, the rights and remedies of a Party pursuant to this Article 5 shall be cumulative and in addition to the rights of the Parties otherwise provided in this Agreement.

5.7 Mitigation. Any Non-Defaulting Party shall be obligated to mitigate its Costs, losses and damages resulting from any Event of Default of the other Party under this Agreement.

5.8 Force Majeure. To the extent either Party is prevented by Force Majeure from carrying out, in whole or part, its obligations under this Agreement and such Party gives Notice and details of the Force Majeure to the other Party as detailed below, then, the Party impacted by Force Majeure shall be excused from the performance of its obligations to the extent impacted. Within forty-eight (48) hours of commencement of an event of Force Majeure, the non-performing Party shall provide the other Party with oral notice of the event of Force Majeure, and within two (2) weeks of the commencement of an event of Force Majeure the non-performing Party shall provide the other Party with Notice in the form of a letter describing in detail the particulars of the occurrence giving rise to the Force Majeure claim. Seller shall not substitute Product from any other source for the output of the Project during an outage resulting from Force Majeure. The suspension of performance due to a claim of Force Majeure must be of no greater scope and of no longer duration than is required by the Force Majeure. Buyer shall not be required to make any payments for any Product that Seller fails to Schedule, deliver or provide as a result of Force Majeure during the term of a Force Majeure. This Agreement may be terminated by the non-claiming Party with no further obligation to the Party impacted by Force Majeure if a Force Majeure event prevents the performance of a material portion of the obligations hereunder and such Force Majeure event is not resolved within eight (8) months after the commencement of such Force Majeure event.

ARTICLE SIX: PAYMENT

6.1 Billing and Payment. On or about the tenth (10th) day of each month beginning with the second month of the first Contract Year and every month thereafter, and continuing through and including the first month following the end of the Delivery Term, Buyer shall provide to Seller an invoice covering the services provided in the preceding month determined in accordance with Article 4 (which may include preceding months), with all component charges and unit prices identified and all calculations used to arrive at invoiced amounts described in reasonable detail. Buyer shall pay the undisputed amount of such invoices on or before thirty (30) days after date of the invoice. If either the invoice date or payment date is not a Business Day, then such invoice or payment shall be provided on the next following Business Day. 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 undisputed amounts not paid by the due date will be deemed delinquent and will accrue interest at the Default Rate, such interest to be calculated from and including the due date to but excluding the date the delinquent amount is paid in full. Invoices may be sent by facsimile or e-mail.

6.2 Disputes and Adjustments of Invoices. A Party may, in good faith, dispute the correctness of any invoice or any adjustment to an invoice, rendered under this Agreement or adjust any invoice for any arithmetic or computational error within twelve (12) months of the date the invoice, or adjustment to an invoice, was rendered. In the event an invoice or portion thereof, or any other claim or adjustment arising hereunder, is disputed, payment of the undisputed portion of the invoice shall be required to be made when due. Any invoice dispute or invoice adjustment shall be in writing and shall state the basis for the dispute or adjustment. Payment of the disputed amount shall not be required until the dispute is resolved. Upon resolution of the dispute, any required payment shall be made within two (2) Business Days of such resolution along with interest accrued at the Default Rate from and including the original due date to but excluding the date paid. Inadvertent overpayments shall be returned upon request or deducted by the Party receiving such overpayment from subsequent payments, with interest accrued at the Interest Rate from and including the date of such overpayment to but excluding the date repaid or deducted by the Party receiving such overpayment. Any dispute with respect to an invoice is waived if the other Party is not notified in accordance with this Section 6.2 within twelve (12) months after the invoice is rendered or subsequently adjusted, except to the extent any misinformation was from a third party not Affiliated with any Party and such third party corrects its information after the twelve-month period. If an invoice is not rendered within twelve (12) months after the close of the month during which performance occurred, the right to payment for such performance is waived.

6.3 Netting of Payments. The Parties hereby agree that they shall discharge mutual debts and payment obligations due and owing to each other on the same date through netting, in which case all amounts owed by each Party to the other Party for the purchase and sale of Product during the monthly billing period under this Agreement, including any related damages calculated pursuant to Section 3.1(h), interest, and payments or credits, shall be netted so that only the excess amount remaining due shall be paid by the Party who owes it.

ARTICLE SEVEN: LIMITATIONS

7.1 Limitation of Remedies, Liability and Damages. EXCEPT AS SET FORTH HEREIN, THERE IS NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND ANY AND ALL IMPLIED WARRANTIES ARE DISCLAIMED. THE PARTIES CONFIRM THAT THE EXPRESS REMEDIES AND MEASURES OF DAMAGES PROVIDED IN THIS AGREEMENT SATISFY THE ESSENTIAL PURPOSES HEREOF. FOR BREACH OF ANY PROVISION FOR WHICH AN EXPRESS REMEDY OR MEASURE OF DAMAGES IS PROVIDED, SUCH EXPRESS REMEDY OR MEASURE OF DAMAGES SHALL BE THE SOLE AND EXCLUSIVE REMEDY, THE OBLIGOR'S LIABILITY SHALL BE LIMITED AS SET FORTH IN SUCH PROVISION AND ALL OTHER REMEDIES OR DAMAGES AT LAW OR IN EQUITY ARE WAIVED, UNLESS THE PROVISION IN QUESTION PROVIDES THAT THE EXPRESS REMEDIES ARE IN ADDITION TO OTHER REMEDIES THAT MAY BE AVAILABLE. EXCEPT FOR A PARTY'S INDEMNITY OBLIGATION IN RESPECT OF THIRD PARTY CLAIMS OR AS OTHERWISE EXPRESSLY HEREIN PROVIDED, NEITHER PARTY SHALL BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, PUNITIVE, EXEMPLARY OR INDIRECT DAMAGES, LOST PROFITS OR OTHER BUSINESS INTERRUPTION DAMAGES, BY STATUTE, IN TORT OR CONTRACT, UNDER ANY INDEMNITY PROVISION OR OTHERWISE. UNLESS EXPRESSLY HEREIN PROVIDED, AND SUBJECT TO THE PROVISIONS OF SECTION 11.2 (INDEMNITIES), IT IS THE INTENT OF THE PARTIES THAT THE LIMITATIONS HEREIN IMPOSED ON REMEDIES AND THE MEASURE OF DAMAGES BE WITHOUT REGARD TO THE CAUSE OR CAUSES RELATED THERETO, INCLUDING THE NEGLIGENCE OF ANY PARTY, WHETHER SUCH NEGLIGENCE BE SOLE, JOINT OR CONCURRENT, OR ACTIVE OR PASSIVE. TO THE EXTENT ANY DAMAGES REQUIRED TO BE PAID HEREUNDER ARE LIQUIDATED, THE PARTIES ACKNOWLEDGE THAT THE DAMAGES ARE DIFFICULT OR IMPOSSIBLE TO DETERMINE, OR OTHERWISE OBTAINING AN ADEQUATE REMEDY IS INCONVENIENT AND THE DAMAGES CALCULATED HEREUNDER CONSTITUTE A REASONABLE APPROXIMATION OF THE HARM OR LOSS.

ARTICLE EIGHT: INSURANCE/ CREDIT AND COLLATERAL REQUIREMENTS

8.1 Insurance. In connection with Seller's performance of its duties and obligations under this Agreement, Producer shall maintain, from the CP Satisfaction date until the end of the term of this Agreement, insurance in accordance with Exhibit E.

8.2 Grant of Security Interest/Remedies. To secure its obligations under this Agreement and to the extent Seller delivers Performance Assurance hereunder, Seller hereby grants to Buyer a present and continuing first priority security interest in, and lien on (and right of setoff against), and assignment of, all cash collateral and cash equivalent collateral and any and all proceeds resulting therefrom or the liquidation thereof, whether now or hereafter held by, on behalf of, or for the benefit of, Buyer, and each Party agrees to take such action as the other Party reasonably requires in order to perfect the Buyer's first-priority security interest in, and lien on (and right of setoff against), such collateral and any and all proceeds resulting therefrom or from the liquidation thereof. Upon or any time after the occurrence and during the continuation of an Event of Default by Seller or an Early Termination Date as a result thereof,

Buyer may do any one or more of the following: (i) exercise any of the rights and remedies of a secured party with respect to all Performance Assurance, including any such rights and remedies under Law then in effect; (ii) exercise its rights of setoff against such collateral and any and all proceeds resulting therefrom or from the liquidation thereof; (iii) draw on any outstanding Letter of Credit issued for its benefit; and (iv) liquidate all or any portion of any Performance Assurance then held by or for the benefit of Buyer free from any claim or right of any nature whatsoever of Seller, including any equity or right of purchase or redemption by Seller. Buyer shall apply the proceeds of the collateral realized upon the exercise of any such rights or remedies to reduce the Seller's obligations under the Agreement (Seller remaining liable for any amounts owing to Buyer after such application), subject to Buyer's obligation to return any surplus proceeds remaining after such obligations are satisfied in full.

8.3 Performance Assurance.

- (a) Development Period Security and Delivery Term Security. To secure its obligations under this Agreement Seller agrees to deliver to Buyer and maintain in full force and effect for the period set forth below, the following Performance Assurance:

(i) Development Period Security in the amount of *[\$60/kW for intermittent projects , and \$90/kW for baseload projects]* in the form of cash or a Letter of Credit from the Execution Date of this Agreement until the return date specified in Section 8.3(b)(i) below; and

(ii) Delivery Term Security in the amount of *[Insert amount which is 5% of expected total project revenues over the Delivery Term]* in the form of cash or a Letter of Credit from the commencement of the Delivery Term until the return date specified in Section 8.3(b)[(i)/(ii)] below.

Except as set forth in Section 2.2 as it pertains to the Development Period Security, any such Performance Assurance shall not be deemed a limitation of damages.

- (b) Return of Performance Assurance.

(i) Buyer shall promptly return to Seller the unused portion of the Development Period Security after the earlier of (A) the date on which Seller has delivered the Delivery Term Security, and (B) termination of the Agreement by either Party under Section 2.4(b)(ii).

(ii) Buyer shall promptly return to Seller the unused portion of the Delivery Term Security after the following have occurred: (A) the Delivery Term has expired or terminated early; and (B) all payment obligations of the Seller arising under this Agreement, including compensation for penalties, Termination Payment, indemnification payments or other damages are paid in full (whether directly or indirectly such as through set-off or netting).

8.4 Interest on Cash. If Seller provides Performance Assurance in the form of cash, Buyer shall pay interest on such cash held as Development Period Security or Delivery Term Security, as applicable, at the Interest Rate. On or before each Interest Payment Date, Buyer

shall transfer the sum of all accrued and unpaid Interest Amounts due to Seller for such security in the form of cash by wire transfer to the bank account specified under “Wire Transfer” in the Cover Sheet.

8.5 Costs of Letter of Credit. If Seller provides Performance Assurance in the form of a Letter of Credit, in all cases, the reasonable costs and expenses of (including but not limited to the reasonable costs, expenses, and attorneys’ fees, including reasonably allocated costs of in-house counsel of the Buyer) establishing, renewing, substituting, canceling, increasing and reducing the amount of (as the case may be) one or more Letters of Credit shall be borne by the Seller.

ARTICLE NINE: GOVERNMENTAL CHARGES

9.1 Cooperation. Each Party shall use reasonable efforts to implement the provisions of and to administer this Agreement in accordance with the intent of the Parties to minimize all taxes, so long as neither Party is materially adversely affected by such efforts.

9.2 Governmental Charges. Seller shall pay or cause to be paid all taxes imposed by any governmental authority (“Governmental Charges”) on or with respect to the Product or the transaction under this Agreement arising prior to and at the Delivery Point, including, but not limited to, ad valorem taxes and other taxes attributable to the Project, land, land rights or interests in land for the Project. Buyer shall pay or cause to be paid all Governmental Charges on or with respect to the Product or the transaction under this Agreement from the Delivery Point. In the event Seller is required by Law or regulation to remit or pay Governmental Charges which are Buyer’s responsibility hereunder, Buyer shall promptly reimburse Seller for such Governmental Charges. If Buyer is required by Law or regulation to remit or pay Governmental Charges which are Seller’s responsibility hereunder, Buyer may deduct such amounts from payments to Seller with respect to payments under the Agreement; if Buyer elects not to deduct such amounts from Seller’s payments, Seller shall promptly reimburse Buyer for such amounts upon request. Nothing shall obligate or cause a Party to pay or be liable to pay any Governmental Charges for which it is exempt under the Law.

ARTICLE TEN: REPRESENTATIONS AND WARRANTIES; COVENANTS

10.1 General Representations and Warranties. On the Execution Date and the CP Satisfaction Date, each Party represents and warrants to the other Party that:

- (a) it is duly organized, validly existing and in good standing under the Laws of the jurisdiction of its formation;
- (b) it has all Governmental Approvals necessary for it to perform its obligations under this Agreement, except for as of the Execution Date (i) CPUC Approval in the case of Buyer, and (ii) all Governmental Approvals necessary to construct, operate and maintain the Project and related interconnection facilities in the case of Seller;
- (c) the execution, delivery and performance of this Agreement is within its powers, have been duly authorized by all necessary action and do not

violate any of the terms and conditions in its governing documents, any contracts to which it is a party or any applicable Law;

- (d) this Agreement and each other document executed and delivered in accordance with this Agreement constitutes a legally valid and binding obligation enforceable against it in accordance with its terms, subject to any Equitable Defenses;
- (e) it is not Bankrupt and there are no proceedings pending or being contemplated by it or, to its knowledge, threatened against it which would result in it being or becoming Bankrupt;
- (f) except as may be set forth in its reports filed with the SEC, there is not pending or, to its knowledge, threatened against it or any of its Affiliates any legal proceedings that could materially adversely affect its ability to perform its obligations under this Agreement;
- (g) no Event of Default with respect to it has occurred and is continuing and no such event or circumstance would occur as a result of its entering into or performing its obligations under this Agreement;
- (h) it is acting for its own account, has made its own independent decision to enter into this Agreement and as to whether this Agreement is appropriate or proper for it based upon its own judgment, is not relying upon the advice or recommendations of the other Party in so doing, and is capable of assessing the merits of and understanding, and understands and accepts, the terms, conditions and risks of this Agreement; and
- (i) it has entered into this Agreement in connection with the conduct of its business and it has the capacity or the ability to make or take delivery of the Product as provided in this Agreement.

10.2 Seller Representations and Warranties.

- (a) Seller, and, if applicable, its successors, represents and warrants that throughout the Delivery Term of this Agreement that: (i) the Project qualifies and is certified by the CEC as an Eligible Renewable Energy Resource (“ERR”) as such term is defined in Public Utilities Code Section 399.12 or Section 399.16; and (ii) the Project’s output delivered to Buyer qualifies under the requirements of the California Renewables Portfolio Standard. To the extent a change in Law occurs after execution of this Agreement that causes this representation and warranty to be materially false or misleading, it shall not be an Event of Default if Seller has used commercially reasonable efforts to comply with such change in Law.

- (b) Seller and, if applicable, its successors, represents and warrants that throughout the Delivery Term of this Agreement the Renewable Energy Credits transferred to Buyer conform to the definition and attributes required for compliance with the California Renewables Portfolio Standard, as set forth in CPUC Decision 08-08-028, and as may be modified by subsequent decision of the CPUC or by subsequent legislation. To the extent a change in Law occurs after execution of this Agreement that causes this representation and warranty to be materially false or misleading, it shall not be an Event of Default if Seller has used commercially reasonable efforts to comply with such change in Law.

10.3 Covenants.

- (a) General Covenants. Each Party covenants that throughout the Delivery Term:

- (i) it shall continue to be duly organized, validly existing and in good standing under the Laws of the jurisdiction of its formation;

- (ii) it shall maintain (or obtain from time to time as required, including through renewal, as applicable) all Governmental Approvals necessary for it to legally perform its obligations under this Agreement;

- (iii) it shall perform its obligations under this Agreement in a manner that does not violate any of the terms and conditions in its governing documents, any contracts to which it is a party or any applicable Law; and

- (iv) it shall not dispute its status as a “forward contract merchant” within the meaning of the United States Bankruptcy Code.

- (b) Seller Covenants.

- (i) Seller covenants throughout the Delivery Term that it, or its permitted successors or assigns, shall maintain ownership of a fee, easement, long-term leasehold interest, or other similar asset ownership interest in the Project.

- (ii) Seller covenants throughout the Delivery Term that it shall maintain market based rate authority from FERC to sell Product to Buyer under the terms of this Agreement.

- (iii) If at any time during the Delivery Term, Seller’s representations and warranties set forth in Section 10.2 become materially false or misleading, Seller covenants that it shall provide prompt Notice to Buyer describing such default along with a description of its efforts to cure such default.

ARTICLE ELEVEN: TITLE, RISK OF LOSS, INDEMNITIES

11.1 Title and Risk of Loss. Title to and risk of loss related to the Product shall transfer from Seller to Buyer at the Delivery Point. Seller warrants that it will deliver to Buyer the Product free and clear of all liens, security interests, claims and encumbrances or any interest therein or thereto by any person arising prior to or at the Delivery Point.

11.2 Indemnities.

- (a) Indemnity by Seller. Seller shall release, indemnify, defend, and hold harmless Buyer, its Affiliates, and its and their directors, officers, employees, agents, and representatives against and from any and all actions, suits, losses, costs, damages, injuries, liabilities, claims, demands, penalties and interest, including reasonable costs and attorneys' fees ("Claims") resulting from, or arising out of or in any way connected with (i) any event, circumstance, act, or incident relating to the Product delivered under this Agreement up to and at the Delivery Point, (ii) Seller's development, permitting, construction, ownership, operation and/or maintenance of the Project, (iii) the failure by Seller or the failure of the Project to comply with applicable Law, including without limitation the CAISO Tariff, (iv) any Governmental Charges for which Seller is responsible hereunder, or (v) any liens, security interests, encumbrances, or other adverse claims against the Product delivered hereunder made by, under, or through Seller, in all cases including, without limitation, any Claim for or on account of injury, bodily or otherwise, to or death of persons, or for damage to or destruction of property belonging to Buyer, Seller, or others, excepting only such Claim to the extent caused by the willful misconduct or gross negligence of Buyer, its Affiliates, and its and their directors, officers, employees, agents, and representatives.

- (b) Indemnity by Buyer. Buyer shall release, indemnify, defend, and hold harmless Seller, its Affiliates, and its and their directors, officers, employees, agents, and representatives against and from any and all Claims resulting from, or arising out of or in any way connected with (i) any event, circumstance, act, or incident relating to the Product received by Buyer under this Agreement after the Delivery Point, (ii) the failure by Buyer to comply with applicable Law, including without limitation the CAISO Tariff, or (iii) any Governmental Charges for which Buyer is responsible hereunder, in all cases including, without limitation, any Claim for or on account of injury, bodily or otherwise, to or death of persons, or for damage to or destruction of property belonging to Buyer, Seller, or others, excepting only such Claim to the extent caused by the willful misconduct or gross negligence of Seller, its Affiliates, and its and their directors, officers, employees, agents, and representatives.

ARTICLE TWELVE: DISPUTE RESOLUTION

12.1 Intent of the Parties. Except as provided in the next sentence, the sole procedure to resolve any claim arising out of or relating to this Agreement or any related agreement is the dispute resolution procedure set forth in this Article 12. Either Party may seek a preliminary injunction or other provisional judicial remedy if such action is necessary to prevent irreparable harm or preserve the status quo, in which case both Parties nonetheless will continue to pursue resolution of the dispute by means of the dispute resolution procedure set forth in this Article 12.

12.2 Management Negotiations.

- (a) The Parties will attempt in good faith to resolve any controversy or claim arising out of or relating to this Agreement or any related agreements by prompt negotiations between each Party's authorized representative designated in writing as a representative of the Party (each a "Manager"). Either Manager may, by Notice to the other Party, request a meeting to initiate negotiations to be held within ten (10) Business Days of the other Party's receipt of such request, at a mutually agreed time and place (either in person or telephonically). If the matter is not resolved within fifteen (15) Business Days of their first meeting ("Initial Negotiation End Date"), the Managers shall refer the matter to the designated senior officers of their respective companies that have authority to settle the dispute ("Executive(s)"). Within five (5) Business Days of the Initial Negotiation End Date ("Referral Date"), each Party shall provide one another Notice confirming the referral and identifying the name and title of the Executive who will represent the Party.
- (b) Within five (5) Business Days of the Referral Date, the Executives shall establish a mutually acceptable location and date, which date shall not be greater than thirty (30) days from the Referral Date, to meet. After the initial meeting date, the Executives shall meet, as often as they reasonably deem necessary, to exchange relevant information and to attempt to resolve the dispute.
- (c) All communication and writing exchanged between the Parties in connection with these negotiations shall be confidential and shall not be used or referred to in any subsequent binding adjudicatory process between the Parties.
- (d) If the matter is not resolved within forty-five (45) days of the Referral Date, or if the Party receiving the Notice to meet, pursuant to Section 12.2(a) above, refuses or does not meet within the ten (10) Business Day period specified in Section 12.2(a) above, either Party may initiate arbitration of the controversy or claim by providing Notice of a demand for binding arbitration at any time thereafter.

12.3 Arbitration. Any dispute that cannot be resolved by management negotiations as set forth in Section 12.2 above shall be resolved through binding arbitration by a retired judge or justice from the AAA panel conducted in San Diego, California, administered by and in accordance with AAA's Commercial Arbitration Rules ("Arbitration").

- (a) Any arbitrator shall have no affiliation with, financial or other interest in, or prior employment with either Party and shall be knowledgeable in the field of the dispute. The Parties shall cooperate with one another in selecting the arbitrator within sixty (60) days after Notice of the demand for arbitration. If, notwithstanding their good faith efforts, the Parties are unable to agree upon a mutually-acceptable arbitrator, the arbitrator shall be appointed as provided for in AAA's Commercial Arbitration Rules.
- (b) At the request of a Party, the arbitrator shall have the discretion to order depositions of witnesses to the extent the arbitrator deems such discovery relevant and appropriate. Depositions shall be limited to a maximum of three (3) per Party and shall be held within thirty (30) days of the making of a request. Additional depositions may be scheduled only with the permission of the arbitrator, and for good cause shown. Each deposition shall be limited to a maximum of six (6) hours duration unless otherwise permitted by the arbitrator for good cause shown. All objections are reserved for the Arbitration hearing except for objections based on privilege and proprietary and confidential information. The arbitrator shall also have discretion to order the Parties to exchange relevant documents. The arbitrator shall also have discretion to order the Parties to answer interrogatories, upon good cause shown.
- (c) The arbitrator shall have no authority to award punitive or exemplary damages or any other damages other than direct and actual damages and the other remedies contemplated by this Agreement.
- (d) The arbitrator shall prepare in writing and provide to the Parties an award including factual findings and the reasons on which their decision is based.
- (e) The arbitrator's award shall be made within nine (9) months of the filing of the notice of intention to arbitrate (demand) and the arbitrator shall agree to comply with this schedule before accepting appointment. However, this time limit may be extended by agreement of the Parties or by the arbitrator, if necessary.
- (f) Judgment on the award may be entered in any court having jurisdiction.

- (g) The prevailing Party in this dispute resolution process is entitled to recover its costs. Until such award is made, however, the Parties shall share equally in paying the costs of the Arbitration.
- (h) The arbitrator shall have the authority to grant dispositive motions prior to the commencement of or following the completion of discovery if the arbitrator concludes that there is no material issue of fact pending before the arbitrator.
- (i) The arbitrator shall not have the power to commit errors of law or legal reasoning, and the award may be vacated or corrected on appeal to a court of competent jurisdiction for any such error.
- (j) The existence, content, and results of any Arbitration hereunder is confidential information that is subject to the provisions of Section 13.1.

ARTICLE THIRTEEN: MISCELLANEOUS

13.1 Confidentiality.

- (a) General. Neither Party shall disclose the non-public terms or conditions of this Agreement or any transaction hereunder to a third party, other than (i) the Party's Affiliates and its and their officers, directors, employees, lenders, counsel, accountants or advisors who have a need to know such information and have agreed to keep such terms confidential, (ii) for disclosure to the Buyer's Procurement Review Group, as defined in CPUC Decision (D) 02-08-071, subject to a confidentiality agreement, (iii) to the CPUC under seal for purposes of review, (iv) disclosure of terms specified in and pursuant to Section 13.1(b) of this Agreement; (v) in order to comply with any applicable Law, regulation, or any exchange, control area or CAISO rule, or order issued by a court or entity with competent jurisdiction over the disclosing Party ("Disclosing Party"), other than to those entities set forth in subsection (vi); or (vi) in order to comply with any applicable regulation, rule, or order of the CPUC, CEC, or the Federal Energy Regulatory Commission. In connection with requests made pursuant to clause (v) of this Section 13.1(a) ("Disclosure Order") each Party shall, to the extent practicable, use reasonable efforts to prevent or limit such disclosure. After using such reasonable efforts, the Disclosing Party shall not be: (i) prohibited from complying with a Disclosure Order or (ii) liable to the other Party for monetary or other damages incurred in connection with the disclosure of the confidential information. Except as provided in the preceding sentence, the Parties shall be entitled to all remedies available at law or in equity to enforce, or seek relief in connection with, this confidentiality obligation.

- (b) RPS Confidentiality. Notwithstanding Section 13.1(a) of this Agreement, at any time on or after the Execution Date, either Party shall be permitted to disclose the following terms with respect to this Agreement: Party names, resource type, Delivery Term, Project location, Contract Capacity, anticipated Commercial Operation Date, Contract Quantity, *[For existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement, delete: progress of each Milestone]*, and Delivery Point.
- (c) Publicity. Except as otherwise agreed to in this Section 13.1 above, no announcement, publicity, advertising, press release, promotional or marketing materials regarding the arrangement contemplated under this Agreement, including the existence hereof, shall be made by either Party without the prior written approval of the other Party which approval shall not be unreasonably withheld or delayed.

13.2 Assignment. Neither Party shall assign this Agreement or its rights hereunder without the prior written consent of the other Party, which consent shall not be unreasonably withheld. For purposes hereof, the transfer of more than fifty percent (50%) of the equity ownership or voting interest of Seller (or any parent entity holding directly or indirectly at least fifty percent (50%) of the equity ownership or voting interest of Seller if such interest constitutes more than twenty percent (20%) of the fair market value of the assets of such parent entity) to a person that is not an Affiliate of Seller shall also constitute an assignment of this Agreement requiring Buyer's prior written consent. Notwithstanding the foregoing, either Party may, without the consent of the other Party (and without relieving itself from liability hereunder), transfer, sell, pledge, encumber, or assign this Agreement or the accounts, revenues or proceeds hereof to its financing providers. In connection with any financing or refinancing of the Project by Seller, Buyer shall in good faith negotiate and agree upon a consent to collateral assignment of this Agreement in substantially the same form as Exhibit F..

13.3 Audit. Each Party has the right, at its sole expense and during normal working hours, to examine the records of the other Party to the extent reasonably necessary to verify the accuracy of any statement, charge or computation made pursuant to this Agreement including amounts of Delivered Energy or Scheduled Energy. If any such examination reveals any inaccuracy in any statement, the necessary adjustments in such statement and the payments thereof will be made promptly and shall bear interest calculated at the Default Rate from the date the overpayment or underpayment was made until paid; provided, however, that no adjustment for any statement or payment will be made unless objection to the accuracy thereof was made prior to the lapse of twelve (12) months from the rendition thereof, and thereafter any objection shall be deemed waived except to the extent any misinformation was from a third party not Affiliated with any Party and such third party corrects its information after such twelve-month period. In addition, Buyer shall have the right, at its sole expense and during normal working hours, to examine the records of Seller to the extent reasonably necessary to verify Seller's compliance with its representations and warranties set forth in Section 10.2.

13.4 Sarbanes-Oxley and SEC Requirements. The Parties acknowledge that accounting principles generally accepted in the United States of America ("GAAP") and SEC

rules require Buyer and its independent auditor to evaluate whether Buyer must consolidate Seller's financial information (but not financial information of Seller's constituent members unless deemed to be included in the entity under GAAP). Buyer will require access to certain records, including but not limited to financial records, and personnel of Seller to determine if consolidated financial reporting is required. If Buyer and its independent auditor determine at any time that the Buyer must consolidate the Seller's financial statements to comply with GAAP and/or SEC rules regarding consolidated financial reporting, then:

(a) Buyer shall require from Seller and Seller agrees to provide to Buyer the following during the Term of this Agreement:

(i) Unaudited financial statements of the Seller prepared in accordance with GAAP as of the end of the quarterly period. The financial statements should include quarter to date and year to date information and are to be provided within fifteen (15) calendar days of the end of the applicable reporting period (or the Business Day thereafter);

(ii) Unaudited financial schedules of the Seller, as deemed necessary for Buyer to prepare its consolidated financial statements and related footnotes to the financial statements in accordance with GAAP as of the end of the quarterly period. The financial schedules should include quarter to date and year to date information underlying the financial statements and footnotes to the financial statements and are to be provided within fifteen (15) calendar days of the end of the applicable reporting period (or the Business Day thereafter);

(iii) Access to Seller's accounting and other records, and accounting and management personnel as reasonably determined by both Buyer and Seller so that (A) Buyer's independent auditor or its internal auditors may conduct financial audits (in accordance with the standards of the Public Company Accounting Oversight Board (United States)) as well as internal control audits (in accordance with Section 404 of the Sarbanes-Oxley Act of 2002) and (B) Buyer can be provided analytical information, as needed, to enable Buyer to meet its SEC filing requirements, including but not limited to those under Item 2 on Form 10-Q, and Item 7 on Form 10-K, "Management's Discussion and Analysis of Financial Condition and Results of Operations;"

(iv) Upon the request of Buyer, such certifications by a duly authorized representative(s) of Seller as may be reasonably requested by Buyer (which certifications shall presumptively be reasonable if the certifications are substantially identical to those required by Buyer or its parent of business units of Buyer or its parent); and

(v) As reasonably requested by Buyer, such information or schedules, similar to the items noted in clauses (i)-(iv) above, to enable Buyer to prepare consolidated financial statements and schedules as may be required for Buyer to obtain financing or to prepare other reports as required by regulatory bodies, such as the SEC, for periods other than as of the end of the monthly, quarterly or year to date periods then ended.

(b) If Buyer (i) in its sole discretion determines that the financial statements of the Seller would be considered material to the Buyer or its parent company's financial statements, financial condition, or

internal controls over financial reporting, and (ii) reasonably determines Seller's internal controls over financial reporting are not operating effectively or have resulted in a control deficiency, Buyer shall provide Notice to Seller. Upon receipt of such Notice, Seller will have thirty (30) days to remediate any deficiency in Seller's internal controls over financial reporting identified by the Buyer, which Buyer and Buyer's independent auditor deem to be necessary to ensure Seller's internal controls over financial reporting are adequate, during or as a result of the audits permitted under Section 13.4(a)(iii) or any other.

- (c) As soon as possible, but in no event later than two (2) Business Days following any occurrence that would affect Seller in any material way, Seller shall provide to Buyer a Notice describing such occurrence in sufficient detail to permit the Buyer to file a report on SEC Form 8-K. Such occurrences include all reportable events on the then current Form 8-K that applies to Buyer and its parent company at such time, including but not limited to a material acquisition or disposition of assets, a material direct financial obligation or off-balance sheet financing arrangement, material litigation, and the execution or termination of a material contract.
- (d) Any information provided to Buyer shall be treated as confidential except that it may be disclosed in connection with the preparation, review, certification and publication of Buyer's financial statements.
- (e) Seller shall notify Buyer at any time during the term of this Agreement of any services provided or proposed to be provided to Seller by Buyer's independent auditor. Seller, and any of Seller's Affiliates, are prohibited from engaging Buyer's independent auditor for any services or in any consulting agreement without the express written consent of partner in charge of Buyer's independent audit.

13.5 Entire Agreement. This Agreement, together with the Cover Sheet and each and every appendix, attachment, amendment, schedule and any written supplements hereto, if any, between the Parties constitutes the entire agreement between the Parties.

13.6 Recording. Unless a Party expressly objects to a Recording (defined below) at the beginning of a telephone conversation, each Party consents to the creation of a tape or electronic recording ("Recording") of all telephone conversations between the Parties to this Agreement, and that any such Recordings will be retained in confidence, secured from improper access, and may be submitted in evidence in any proceeding or action relating to this Agreement. Each Party waives any further notice of such monitoring or recording, and agrees to notify its officers and employees of such monitoring or recording and to obtain any necessary consent of such officers and employees.

13.7 Forward Contract. The Parties acknowledge and agree that this Agreement constitutes a "forward contract" within the meaning of the United States Bankruptcy Code.

13.8 Governing Law. THIS AGREEMENT AND THE RIGHTS AND DUTIES OF THE PARTIES HEREUNDER SHALL BE GOVERNED BY AND CONSTRUED, ENFORCED AND PERFORMED IN ACCORDANCE WITH THE LAWS OF THE STATE OF CALIFORNIA, WITHOUT REGARD TO PRINCIPLES OF CONFLICTS OF LAW. TO THE EXTENT ENFORCEABLE AT SUCH TIME, EACH PARTY WAIVES ITS RESPECTIVE RIGHT TO ANY JURY TRIAL WITH RESPECT TO ANY LITIGATION ARISING UNDER OR IN CONNECTION WITH THIS AGREEMENT.

13.9 Attorneys' Fees. In any proceeding brought to enforce this Agreement or because of the breach by any Party of any covenant or condition herein contained, the prevailing Party shall be entitled to reasonable attorneys' fees (including reasonably allocated fees of in-house counsel) in addition to court costs and any and all other costs recoverable in said action.

13.10 General. This Agreement shall be considered for all purposes as prepared through the joint efforts of the Parties and shall not be construed against one Party or the other as a result of the preparation, substitution, submission or other event of negotiation, drafting or execution hereof. Except to the extent provided for herein, no amendment or modification to this Agreement shall be enforceable unless reduced to writing and executed by both Parties. This Agreement shall not impart any rights enforceable by any third party (other than a permitted successor or assignee bound to this Agreement). Waiver by a Party of any default by the other Party shall not be construed as a waiver of any other default. The headings used herein are for convenience and reference purposes only. This Agreement shall be binding on each Party's successors and permitted assigns.

13.11 Severability. If any provision in this Agreement is determined to be invalid, void or unenforceable by any court having jurisdiction, such determination shall not invalidate, void, or make unenforceable any other provision, agreement or covenant of this Agreement and the Parties shall use their best efforts to modify this Agreement to give effect to the original intention of the Parties.

13.12 Counterparts. This Agreement may be executed in one or more counterparts each of which shall be deemed an original and all of which shall be deemed one and the same Agreement. Delivery of an executed counterpart of this Agreement by fax will be deemed as effective as delivery of an originally executed counterpart. Any Party delivering an executed counterpart of this Agreement by facsimile will also deliver an originally executed counterpart, but the failure of any Party to deliver an originally executed counterpart of this Agreement will not affect the validity or effectiveness of this Agreement.

13.13 Notices. Whenever this Agreement requires or permits delivery of a "Notice" (or requires a Party to "notify"), the Party with such right or obligation shall provide a written communication in the manner specified in herein; provided, however, that notices of Outages or other Scheduling or dispatch information or requests, shall be provided in accordance with the terms set forth in the relevant section of this Agreement. Invoices may be sent by facsimile or e-mail. A Notice sent by facsimile transmission or e-mail will be recognized and shall be deemed received on the Business Day on which such Notice was transmitted if received before 5:00 p.m. (and if received after 5:00 p.m., on the next Business Day) and a Notice of overnight mail or courier shall be deemed to have been received two (2) Business Days after it was sent or

such earlier time as is confirmed by the receiving Party. Each Party shall provide Notice to the other Party of the persons authorized to nominate and/or agree to a Schedule or Dispatch Order for the delivery or acceptance of the Product or make other Notices on behalf of such Party and specify the scope of their individual authority and responsibilities, and may change its designation of such persons from time to time in its sole discretion by providing Notice.

13.14 Mobile Sierra. Notwithstanding any provision of this Agreement, neither Party shall seek, nor shall they support any third party in seeking, to prospectively or retroactively revise the rates, terms or conditions of service of this Agreement through application or complaint to FERC pursuant to the provisions of Section 205, 206 or 306 of the Federal Power Act, or any other provisions of the Federal Power Act, absent prior written agreement of the Parties. Further, absent the prior agreement in writing by both Parties, the standard of review for changes to the rates, terms or conditions of service of this Agreement proposed by a Party, a non-Party or the FERC acting *sua sponte* shall be the “public interest” application of the “just and reasonable” standard of review set forth in *United Gas Pipe Line Co. v. Mobile Gas Service Corp.*, 350 US 332 (1956) and *Federal Power Commission v. Sierra Pacific Power Co.*, 350 US 348 (1956).

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

[_____]
a [_____]

SAN DIEGO GAS & ELECTRIC COMPANY
a California corporation

By: _____
Name: _____
Title: _____

By: _____
Name: _____
Title: _____

Exhibit A

PROJECT DESCRIPTION INCLUDING DESCRIPTION OF SITE

PROJECT DESCRIPTION

Project name: _____

Project Site name: _____

Project physical address: _____

Total number of electric generating units at the Project (committed and not committed to Buyer): _____

Technology Type: _____

Point of Interconnection of the Project (Substation and PNode): _____

The term “Site” as defined in the Agreement means the following parcel description upon which the Project is located:

[INSERT MAP]

The nameplate capacity of the Project is: _____.

[For Excess Sales bids: include details on onsite load estimates and meter configuration (if CAISO meter reflects subtraction of customer onsite load from Project output.)

[For solar, please include the following information. For other technologies, similar project specifications as applicable] The electric generating units utilized as generation assets as part of the Project are described below:

Project Specifications	
<u>Project Size (MWdc)</u>	
<u>Mounting technology</u>	
<u>Module model</u>	
<u>Module size (W)</u>	
<u>Number of modules</u>	
<u>Inverter model</u>	
<u>Inverter size (kW)</u>	
<u>Number of inverters</u>	
<u>Medium voltage transformer (M.V.T.) size</u>	
<u>Number of M.V.T.s</u>	
<u>Step-up transformer (S.T.) size</u>	
<u>Number of S.T.s</u>	

Exhibit B [Delete and replace with “Reserved” for existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement.]

MILESTONE SCHEDULE

<i>No.</i>	<i>Date</i>	<i>Project Name</i>
1.		Obtains control of all lands and rights-of-way comprising the Site.
2.		Files a CEC Pre-Certification and Verification application.
3.		Receives a completed [Phase II Interconnection Study Report] [interconnection system impact study]
4.		Completes a comprehensive resource assessment.
5.		Files permitting application with appropriate agency(ies).
6.		Executes interconnection agreement and/or transmission agreement.
7.		Receives permitting approval(s)
8.		Receives FERC acceptance of interconnection agreement and transmission agreement(s).
9.		Executes a supply contract.
10.		Executes an Engineering, Procurement and Construction (“EPC”) contract.
11.		Completes financing.
12.		Delivers full NTP under EPC contract and begins construction of the Project.
13.		Executes Meter Service Agreement and Participating Generator Agreement.
14.		Achieves initial operation.
15.		Receives all Governmental Approvals necessary to achieve Commercial Operation.
16.		Receives CEC Certification and Verification.

Exhibit C

FORM OF LETTER OF CREDIT

[DATE]

To: [Name and Address of Secured Party]

Re: Our Irrevocable Standby Letter of Credit No. _____
In the Amount of US _____

Gentlemen:

We hereby open our irrevocable standby Letter of Credit Number _____ in favor of [name of Secured Party] (“Secured Party”), by order and for account of [name of Account Party] (“Account Party”), [address of Account Party], available at sight upon demand at our counters, at [location] for an amount of US\$ _____ [amount spelled out and xx/100 U.S. Dollars] against presentation one of the following documents:

1- Statement signed by a person purported to be an authorized representative of Secured Party stating that: “San Diego Gas & Electric Company (“Secured Party”) is entitled to draw under this Letter of Credit under the terms of the Power Purchase Agreement between Secured Party and [insert name] (“Account Party”) dated _____, as may be amended (the “PPA”) or Account Party is in default under the terms of the PPA (whether by failure to perform or pay any obligation thereunder or by occurrence of a “default”, “event of default” or similar term as defined in such agreement, any other agreement between Secured Party and Account Party, or otherwise). The amount due to Secured Party is U.S. \$ _____.”

or

2- Statement signed by a person purported to be an authorized representative of Secured Party stating that: “[name of Account Party] (“Account Party”) has forfeited all or part of its Development Period Security as set forth and defined in the Power Purchase Agreement between Secured Party and Account Party dated _____. The amount due to Secured Party, whether or not a default has occurred, is U.S. \$ _____.”

or

3- Statement signed by a person purported to be an authorized representative of Secured Party stating that: “as of the close of business on [insert date, which is less than 60 days prior to the expiration date of the Letter of Credit] you have provided written notice to us indicating your election not to permit extension of this Letter of Credit beyond its current expiry date. The amount due to Secured Party, whether or not a default has occurred, is U.S. \$ _____.”

Special Conditions:

- All costs and banking charges pertaining to this Letter of Credit are for the account of Account Party.
- Partial and multiple drawings are permitted.
- Fax of Document 1 or 2 above acceptable.

This Letter of Credit expires on _____ at our counters.

We hereby engage with Secured Party that upon presentation of a document as specified under and in compliance with the terms of this Letter of Credit, this Letter of Credit will be duly honored in the amount stated in Document 1 or 2 above. If a document is so presented by 1:00 pm on any New York banking day, we will honor the same in full in immediately available New York funds on that day and, if so presented after 1:00 pm on a New York banking day, we will honor the same in full in immediately available New York funds by noon on the following New York banking day.

It is a condition of this Letter of Credit that it shall be deemed automatically extended without an amendment for a one year period beginning on the present expiry date hereof and upon each anniversary of such date, unless at least ninety (90) days prior to any such expiry date we have sent you written notice by regular and registered mail or courier service that we elect not to permit this Letter of Credit to be so extended beyond, and will expire on its then current expiry date. No presentation made under this Letter of Credit after such expiry date will be honored.

We agree that if this Letter of Credit would otherwise expire during, or within 30 days after, an interruption of our business caused by an act of god, riot, civil commotion, insurrection, act of terrorism, war or any other cause beyond our control or by any strike or lockout, then this Letter of Credit shall expire on the 30th day following the day on which we resume our business after the cause of such interruption has been removed or eliminated and any drawing on this Letter of Credit which could properly have been made but for such interruption shall be permitted during such extended period.

This Letter of Credit is subject to the Uniform Customs and Practice for Documentary Credits (2007 Revision) International Chamber of Commerce, Publication No. 600 ("UCP"), except to the extent that the terms hereof are inconsistent with the provisions of the UCP, including but not limited to Articles 14(b) and 36 of the UCP, in which case the terms of this Letter of Credit shall govern. Matters not covered by the UCP shall be governed and construed in accordance with the laws of the State of California.

[Name of Bank]

Authorized Signature(s)

Exhibit D /Delete and replace with “Reserved” for existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement/

COMMERCIAL OPERATION CERTIFICATE

The undersigned, _____ (“EPC Contractor”), _____ (“[] Supplier”), _____ (“Licensed Professional Engineer”) and [] (“Owner”) make the following certifications to San Diego Gas & Electric Company (“SDG&E”), dated as of _____. All capitalized terms not otherwise defined herein shall have the meaning given to them in the Power Purchase Agreement dated _____ between Owner and SDG&E (the “Agreement”).

[Major Generation Equipment] Supplier hereby certifies that:

1. The [] comprising the Project have been erected and installed at the project site and have been commissioned as required under the Supply and Installation Agreement (“[] Supply Agreement”) dated as of _____, by and between [] Supplier and Owner and each such [] has passed the performance testing required to be performed pursuant to the [] Supply Agreement.
2. The Warranty Period under the Warranty Agreement (“Warranty Agreement”) dated as of _____, by and between [] Supplier and Owner has commenced.

EPC Contractor hereby certifies that:

All requirements necessary to achieve [Commercial Operation/Substantial Completion] as set forth in the agreement between the EPC Contractor and Owner dated _____ (“EPC Contract”) have been completed and the Project has successfully passed all performance tests at a level that demonstrates satisfaction of at least the [minimum performance guarantees].

Owner hereby certifies that:

1. Except for punch list items that would not materially affect the performance, reliability or safe operation of the Project, the Project has been completed in accordance with all applicable specifications and is ready for continuous commercial operation in compliance with all applicable laws and governmental approvals. The Project has successfully passed all performance tests at a level that demonstrates satisfaction of at least the [insert minimum performance guarantees], and complete test reports have been submitted to Buyer.
2. The Operation and Maintenance Agreement (O&M Agreement), by and between Owner and _____ dated as of _____ has commenced.

3. Owner has a valid leasehold or real property interest in the Project Site for a term of at least [] years from the Commercial Operation date.
4. The interconnection facilities have been completed in accordance with applicable specifications, tariffs, laws and governmental approvals to enable power generated by the Project to be received at the Delivery Point.
5. Owner has obtained all governmental approvals necessary for the continuous commercial operation of the Project and the Project is in compliance with all such governmental approvals and all other applicable laws.

Licensed Professional Engineer certifies that:

1. We have read the Agreement, the [] Supply Contract, and the EPC Contract and we understand the requirements for Commercial Operation under the Agreement, the specifications and performance testing requirements under the [] Supply Contract, and the requirements for [Commercial Operation/Substantial Completion] under the EPC Contract.
2. We have reviewed the material and data made available to us by the Owner, the [] Supplier, and the EPC Contractor for the Project.
3. To the extent practical, we have reviewed the engineering, procurement, construction and performance testing for the Project and in the course of this review we have not discovered any material errors or omissions in the work performed to date.
4. We have reviewed the certificates of Owner, [] Supplier, and EPC Contractor above, and find the representations provided to be correct in all material respects.
5. We have reviewed all Governmental Approvals and permits identified by the Owner as being required for the construction and operation of the Project and are of the opinion that the Project as completed is in compliance in all material respects with the environmental and technical requirements contained therein.
6. Based on our review of the aforementioned information and of information provided to us by others which we have not independently verified, we are of the opinion that, as of, Commercial Operation has occurred as defined in the Agreement.

Executed this ___ day of ___, 200__

[_____] **SUPPLIER**
[Name of [_____] / Supplier]
a _____ corporation

By: _____
Name:
Title:

EPC CONTRACTOR
[Name of EPC Contractor]
a _____ corporation

By: _____
Name:
Title:

OWNER
[Name of Owner]
a _____ limited liability company

By: _____
Name:
Title:

LICENSED PROFESSIONAL ENGINEER:
[Name of Licensed Professional Engineer]
a _____

By: _____
Name:
Title:

ACCEPTED BY SAN DIEGO GAS & ELECTRIC COMPANY

By: _____
Name: _____
Title: _____
Date: _____

Exhibit E

INSURANCE

In connection with Seller's performance of its duties and obligations under this Agreement, Seller shall maintain, from the CP Satisfaction Date until the end of the term of this Agreement, general liability insurance with a combined single limit of not less than Two million dollars (\$2,000,000) for each occurrence.

Such general liability insurance shall include coverage for "Premises-Operations, Owners and Contractors Protective, Products/Completed Operations Hazard, Explosion, Collapse, Underground, Contractual Liability, and Broad Form Property Damage including Completed Operations."

The general liability insurance required herein shall, by endorsement to the policy or policies, (a) include Buyer as an additional insured; (b) contain a severability of interest clause or cross-liability clause; (c) provide that Buyer shall not by reason of its inclusion as an additional insured incur liability to the insurance carrier for payment of premium for such insurance; and (d) provide for thirty (30) calendar days' written notice to Buyer prior to cancellation, termination, alteration, or material change of such insurance.

Evidence of the insurance required herein shall state that coverage provided is primary and is not in excess to or contributing with any insurance or self-insurance maintained by Buyer.

Seller agrees to furnish the required certificates and endorsements to Buyer prior to initial deliveries of test energy. Buyer shall have the right to inspect or obtain a copy of the original policy or policies of insurance.

If Seller is self-insured with an established record of self-insurance, Seller may comply with the following in lieu of the third party insurance if:

- (a) Seller shall provide to Buyer, at least thirty (30) calendar days prior to the date of initial deliveries of test energy, evidence of an acceptable plan to self-insure to a level of coverage equivalent to that required by third party insurance providers as stated herein.
- (b) If Seller ceases to self-insure to the level required hereunder, or if Seller is unable to provide continuing evidence of Seller's ability to self-insure, Seller agrees to immediately obtain the third party insurance coverage required hereunder.

All insurance certificates, statements of self insurance, endorsements, cancellations, terminations, alterations, and material changes of such insurance shall be issued, clearly labeled with agreement ID number and submitted to the following:

San Diego Gas & Electric Company
Attention: Director, Procurement and Portfolio Design
Address: 8315 Century Park Court, CP21D
City: San Diego, CA 92123

Exhibit F

CONSENT TO ASSIGNMENT

CONSENT AND AGREEMENT

This CONSENT AND AGREEMENT (“Consent”) is entered into as of [Date] among San Diego Gas & Electric Company (“SDG&E”), [_____] (the “Assignor”), and [Name of Lender/Agent for the Financing Parties] (the “Assignee”).

RECITALS

WHEREAS, pursuant to the RAM Power Purchase Agreement made as of [Date] (the “Assigned Agreement”), between the Assignor and SDG&E, SDG&E has agreed to purchase output from the Assignor’s [_____] MW [_____] electric generating facility] (the “Project”) as further specified in therein;

WHEREAS, pursuant to a [Security Agreement] dated as of [Date] (the “Security Agreement”), the Assignor has granted to the Assignee a lien on and a security interest in, to and under all of its right, title and interest in the Assigned Agreement, as collateral security for the Assignor’s obligations under that certain [Credit Agreement] dated as of the date of the Security Agreement among the Assignor, [_____] (“Lenders”) and the related financing documents (the “Credit Agreement” and collectively, the “Financing Documents”) pursuant to which the Lenders have agreed to loan funds to the Assignor in connection with the Project.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which hereby are acknowledged, the parties hereto agree as follows:

Section 1. Definitions. Any capitalized term used but not defined herein shall have the meaning specified for such term in the Assigned Agreement.

Section 2. Consent to Assignment.

(a) Under the terms and conditions set forth in this Consent, SDG&E hereby consents to (i) the assignment by the Assignor of all its right, title and interest in, to and under the Assigned Agreement to the Assignee, as collateral security for the obligations as and to the extent provided in the Security Agreement, and (ii) the assignment by the Assignor to any transferee or assignee of, or successor to, the Assignee (provided that any transferee or nominee satisfies the requirements of Article 8 (*credit support*) of the Assigned Agreement and is otherwise a Qualified Transferee. “Qualified Transferee” shall mean any transferee or assignee of, or successor to, the Assignee that (x) has (or has entered into contracts for the provision of services with an entity that has) substantial experience in the construction and/or operation of [wind/geothermal/solar generating facilities] of a type similar to the Project and (y) has the financial capability to perform under the Assigned Agreement (taking into account the fact that such transferee or nominee may be a special purpose vehicle whose sole asset may be the Project), in each case as reasonably determined by SDG&E.

(b) The Assignor agrees that it shall remain liable to SDG&E for all obligations of the Assignor under the Assigned Agreement, notwithstanding the collateral assignment contemplated in the Security Agreement.

(c) If the Assignee elects to exercise its remedies under the Security Agreement to foreclose on its lien in the Assigned Agreement, the Assignee shall notify SDG&E pursuant to Section 6(f) of this Consent. Upon completion of such foreclosure, the Assignee (or its permitted assignee or transferee or successor thereof) (i) shall be entitled to all of the benefits of the Assigned Agreement, (ii) shall assume in writing and be liable for each and every duty, obligation and liability of the Assignor under the Assigned Agreement, including but not limited to the duties and obligations that arose or accrued prior to the date of execution of this Consent, and (iii) shall cure any and all then existing Seller Events of Default that have arisen prior to the date of the assumption of the Assigned Agreement by Assignee (or its permitted assignee or transferee or successor thereof) except for any Seller Events of Default that, by their nature, are not capable of being cured by Assignee (or its permitted assignee or transferee or successor thereof).

Section 3. Representations and Warranties. SDG&E hereby represents and warrants to the Assignee that, as of the date of this Consent:

(a) The execution and delivery by SDG&E of the Assigned Agreement and this Consent, and the performance by SDG&E of its obligations under the Assigned Agreement and this Consent, have been duly authorized by all necessary corporate action, and do not and will not require any further consents or approvals which have not been obtained, or violate any provision of any law, regulation, order, judgment, injunction or similar matters or breach any material agreement presently in effect with respect to or binding upon SDG&E.

(b) All government approvals necessary for the execution and delivery by SDG&E of the Assigned Agreement and this Consent, and the performance by SDG&E of its obligations under the Assigned Agreement and this Consent, have been obtained and are in full force and effect.

(c) This Consent and the Assigned Agreement have been duly executed and constitute legal, valid and binding obligations of SDG&E, enforceable against it in accordance with their respective terms, except as such enforcement may be limited by bankruptcy, insolvency or similar laws of general application relating to the enforcement of creditors' rights generally or by general principles of equity, regardless of whether such enforceability is considered in a proceeding in equity or at law, or by principles of public policy.

(d) To the knowledge of SDG&E, the Assignor is not in default under any material covenant or obligation under the Assigned Agreement, and no events have occurred that, with the giving of notice or the passage of time, would constitute a default by the Assignor under the Assigned Agreement, and the Assigned Agreement is in full force and effect and has not been amended.

Section 4. Consent and Agreement.

SDG&E and the Assignor hereby agree that, so long as any obligations of the Assignor under the Credit Agreement and the Security Agreement remain outstanding:

(a) No Material Amendments. SDG&E and the Assignor will not enter into any material amendment, supplement or other modification of the Assigned Agreement (an “Amendment”) until after the Assignee has been given at least fifteen (15) Business Days’ prior written notice of the proposed Amendment by the Assignor (a copy of which notice will be provided to SDG&E by the Assignor), and will not then enter into such Amendment if SDG&E has, within such fifteen (15) Business Day period, received a copy of (a) the Assignee’s objection to such Amendment or (b) the Assignee’s request to the Assignor for additional information with respect to such Amendment.

(b) Notices of Default and Right to Cure.

(i) SDG&E shall deliver to the Assignee at the address set forth on the signature pages hereof, or at such other address as the Assignee may designate in writing from time to time to SDG&E, concurrently with the delivery thereof to the Assignor, a copy of each notice of default under the Assigned Agreement. Notwithstanding anything to the contrary contained in the Assigned Agreement, such notice shall be coupled with an opportunity to cure any such default within the longer of the cure period available to the Assignor in the Assigned Agreement or thirty (30) days after notice thereof (except with respect to payment defaults, which cure must be made within five (5) Business Days after the last day of the cure period available to the Assignor in the Assigned Agreement with respect to payment defaults), such cure period shall commence upon receipt of notice by the Assignee). If possession of the Facility is necessary to cure any Default by the Assignor under the Assigned Agreement, and the Assignee commences foreclosure proceedings against the Assignor, the Assignee will be allowed an additional sixty (60) days to complete such proceedings. In order for the Assignee to cure a default under Section 5.1(d) of the Assigned Agreement, the Assignee shall secure, as soon as reasonably practical after such default, an order from the court (the “Bankruptcy Court”) administering the proceeding under which the Assignor is a debtor in a proceeding under Title 11 of the United States Code, as amended (the “Bankruptcy Code”) in a form reasonably acceptable to SDG&E which authorizes (a) the Assignor to pledge collateral to secure the Assignor’s obligations under the Assigned Agreement (whether by the maintenance or provision of a Letter of Credit or otherwise) whether such obligations arose prior or following the Section 5.1(d) default of the Assigned Agreement, (b) the right of SDG&E to terminate the Assigned Agreement upon a subsequent default and expiration of cure periods described herein with respect to the Assignor (including, without limitation, the conversion of a case under Chapter 11 of the Bankruptcy Code to a case under Chapter 7 of the Bankruptcy Code), and to exercise rights of netting or setoff of obligations upon such termination, in each case without regard to Section 362 of the Bankruptcy Code and without regard to whether the amounts to be netted or setoff were incurred pre-petition or post-petition, (c) that the rights of SDG&E specified in the foregoing clause (b) not be subject to being modified, stayed, avoided or otherwise limited by any further order of the Bankruptcy Court or any court proceeding under the Bankruptcy Code, and (d) the assumption by Assignor of the Assigned Agreement (a “Bankruptcy Order”). It being further understood that if such Bankruptcy Order is not timely obtained, Buyer shall have

the right to declare an Early Termination Date in accordance with Article 5 of the Assigned Agreement.

(ii) Except to the extent that automatic cancellation, suspension or termination occurs pursuant to the Assigned Agreement, no cancellation, suspension or termination of the Assigned Agreement by SDG&E, shall be binding upon the Assignee without such notice and the opportunity to cure during the applicable extended cure periods specified in this Section 4(b). If the Assignee fails to cure or rectify the effect of a default within the extended cure periods specified in this Section 4(b), SDG&E shall have all its rights and remedies with respect to such default, action or omission as set forth in the Assigned Agreement.

(c) Payments to Designated Account. The Assignor and SDG&E acknowledge and agree that all payments to be made by SDG&E to the Assignor (if any) under the Assigned Agreement shall be made in lawful money of the United States of America in immediately available funds, to the following account:

[name and details for account designated by the Assignee]

or to such other person or entity and/or at such other address as the Assignee may from time to time specify in writing to SDG&E. In making such payments, SDG&E shall be entitled to rely conclusively on instructions that it may receive from time to time from the Assignee without any duty to make inquiry into the authority of the Assignee to give such instructions or the authenticity of any signatures placed upon such instructions.

Section 5. Damages Limitation. **NO PARTY SHALL BE LIABLE TO ANY OTHER PARTY UNDER THIS CONSENT FOR ANY CONSEQUENTIAL, EXEMPLARY, PUNITIVE, REMOTE, OR SPECULATIVE DAMAGES OR LOST PROFITS.**

Section 6. Miscellaneous.

(a) This Consent shall be binding upon the successors and permitted assigns of each party and shall inure, together with the rights and remedies of the Assignee hereunder, to the benefit of the successors and permitted assigns of the parties hereto, including the Financing Parties and their respective permitted successors, transferees and assigns.

(b) No amendment or waiver of any provisions of this Consent or consent to any departure by any party hereto from any provisions of this Consent shall in any event be effective unless the same shall be in writing and signed by the Assignee and SDG&E.

(c) This Consent shall be governed by, and construed under, the laws of the State of California applicable to contracts made and to be performed in such State and without reference to conflicts of laws. The parties hereto agree that any legal action or proceeding arising out of this Consent may be brought in the courts of the State of California, in and for the County of San Diego, or of the United States of America for the Southern District of California. By execution and delivery of this Consent, the parties hereto accept, for themselves and in respect of their property, generally and unconditionally, the jurisdiction of the aforesaid courts. The parties hereto irrevocably consent to the service of process out of any of the aforementioned

courts in any such action or proceeding by the mailing of copies thereof by registered or certified airmail, postage prepaid, to the Assignee, SDG&E and the Assignor, as the case may be, at their respective addresses for notices as specified herein and that such service shall be effective five (5) business days after such mailing. Nothing herein shall affect the right to serve process in any other manner permitted by law or the right of the Assignee or SDG&E to bring legal action or proceedings in any other competent jurisdiction. The parties hereto hereby waive any right to stay or dismiss any action or proceeding under or in connection with any or all of this Consent or the transactions contemplated hereby brought before the foregoing courts on the basis of *forum non-conveniens*.

(d) EACH OF SDG&E, THE ASSIGNEE AND THE ASSIGNOR HEREBY IRREVOCABLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY LAW, ANY AND ALL RIGHT TO TRIAL BY JURY IN ANY LEGAL PROCEEDING ARISING OUT OF OR RELATING TO THIS CONSENT AND AGREEMENT.

(e) This Consent may be executed in one or more counterparts with the same effect as if such signatures were upon the same instrument. This Consent may be delivered by facsimile transmission.

(f) All notices to be given under this Consent shall be in writing and shall be delivered personally, sent by certified mail return receipt requested or registered first-class mail, postage prepaid, or sent by facsimile, or courier to the intended recipient at its address as set forth on the signature pages below, and all payments to be made under this Consent shall be made by wire transfer of immediately available funds or check representing immediately collectible funds to the account or address of the intended recipient as set forth on the signature pages hereto, unless the recipient has given notice of another address or account for receipt of notices or payments.

(g) This Consent shall terminate in its entirety upon the earlier of (i) the indefeasible payment in full in cash of all obligations of the Assignor under the Credit Agreement, and (ii) the termination of the Credit Agreement in accordance with the terms thereof and the terms of this Consent. The Assignee agrees to give prompt written notice to the Assignor and SDG&E of the occurrence of either such event.

(h) The captions or headings at the beginning of each Section of this Consent are for convenience only and are not a part of this Consent.

IN WITNESS WHEREOF, each of SDG&E, the Assignee and the Assignor has duly executed this Consent and Agreement as of the date first above written.

SAN DIEGO GAS & ELECTRIC
COMPANY

By: _____
Name:
Title:

[Address for Notices:]

[ASSIGNOR]

By: _____
Name:
Title:

[Address for Notices:]

[ASSIGNEE]

By: _____
Name:
Title:

[Address for Notices:]



A  Sempra Energy utility

**RAM PROGRAM
ADVICE LETTER 2421-E**

**ATTACHMENT C
PROJECT DESCRIPTION FORM**

PROJECT DESCRIPTION FORM

Instructions:

1. Submit one Project Description Form for each project being submitted for SDG&E's consideration.
2. Use green font for information the Respondent deems to be confidential.
3. Limit and focus the discussions so that this form does not exceed 30 pages (10 size font).

A. Company Information

Company Name Submitting Offer(s)	
Company Legal Name as party to potential contract(s) (if different)	
Project Name	
Company Street Address	
Company City	
Company State	
Company Zip Code	
How did the company hear of the RAM RFO? <ul style="list-style-type: none"> • SDG&E Website • Email from SDG&E • Colleague • Other (please elaborate) 	

B. Company Representative

	Primary Contact	Secondary Contact
Name		
Title		
Office Phone		
Cell Phone		
Email Address		

C. Project Summary

Expected Project Completion Date	
Nameplate MW AC (at 100% project completion)	
Net Contract MW AC (at 100% project completion)	
Capacity Factor	
Expected MWH (first 12 months after 100% project completion)	
Percent Expected MWH degradation per year	
Is the project being bid as Energy Only (Yes/No)?	
Is the project being bid as FCDS (Yes/No)? (note that bidders may provide both an FCDS and an Energy Only bid for the same facility)	
Project service territory (please select SDG&E, SCE or PG&E)	
Has your project ever applied for CSI funds?	
Are you planning to apply for CSI funds for this project?	
Has this project ever participated in NEM?	

Does this project plan to participate in NEM in the future?	
Will this project sell 100% of its output to SDG&E and purchase any energy needed to serve onsite load from SDG&E (full buy/sell) or will it serve onsite load and sell excess to SDG&E (excess sales)?	
If excess sales, will this project sell its entire excess output to SDG&E?	
If the entire excess output will not be sold to SDG&E, provide an explanation.	

D. Eligibility

Criteria	<u>Project Meets Criteria – Enter “Yes” and refer to the location in the application containing the information or explanation. Please include a brief sentence supporting your Eligibility</u>	<u>Project Does Not Meet Criteria – Enter “No” and refer to the location in this document containing a detailed explanation. Please include a brief sentence summarizing your conclusion</u>
Resource		
1. Must be CEC-certifiable as an eligible renewable resource.		
2. Must utilize commercially proven technology.		
3. Must sell entire output to SDG&E (full buy/sell) or all output in excess of onsite load to SDG&E (excess sales).		
4. Must not sell partial output from a system sized above 20 MWs		
Project Capacity		
1. All capacity ratings specified in this RFO must be nameplate capacities for alternating current (“ac”) generation as provided to the power transmission or distribution system. Direct current (“dc”) offers will be rejected for nonconformance.		
2. Provide a minimum contract size of greater than 3 MW installed capacity.		
3. Maximum project size should be 20 MW installed capacity.		

Location/Site Control		
1. Projects must be located within the service territories of PG&E, SCE, or SDG&E (please indicate which one).		
2. Respondent must have, at time of bidding, site control for the duration of the 10, 15, or 20 year power purchase agreement. A copy of one of the following must be provided: <ul style="list-style-type: none"> • Direct ownership; • Lease; or • Option to Lease or Purchase upon PPA approval (must be exclusive to the bidder and in effect until the completion of the RFO cycle) 		
Interconnection		
1. One of the following must be completed (please indicate which studies or agreements have been completed): <ul style="list-style-type: none"> • System Impact Study; • Phase I interconnection study; • Passed WDAT Fast Track screen; • Passed CAISO Fast Track screen; or • Completed Interconnection Agreement 		
2. A copy of the most recent completed study or equivalent results from the Fast Track process must be included in the offer.		
Developer Experience		
1. Respondent and/or members of the project development team must have experience. Provide evidence of having completed, or begun construction, of a project using a technology similar to the offered technology, that is at least 1 MW installed		

capacity.		
2. Respondent will maintain contractual control of the facilities and be responsible for development, land acquisition, permitting, financing and construction of the facilities.		
Project Start Date		
1. The anticipated delivery start date provided must be within 24 months after the expected CPUC Approval date.		
Other Incentives Not Permitted		
1. Respondents shall not have sought California Solar Incentives (CSI) for the projects being offered, or plan to seek CSI for the entire PPA term.		
2. Respondents shall not have participated in the Net Energy Metering (NEM) Program for the projects being offered, or plan to participate in the NEM program for the entire PPA term.		
3. Respondents shall not have sought or received any other benefits from small generator incentive programs offered by the State of California or California utilities.		

E. PPA Summary

Is the Seller the Scheduling Coordinator for the Project?	
Is the Buyer (SDG&E) the Scheduling Coordinator for the Project?	
Product type (please indicate Baseload, Peaking As-Available or Non-Peaking As-Available)	
Is the Product a PIRP Participant (Yes/No)?	
Is the project being bid as Energy Only (Yes/No)?	
Is the project being bid as FCDS (Yes/No)?	
Delivery Term (please select 10, 15 or 20)	
The quantity of Delivered Energy per year in MWh	
Please provide your manufacturer's degradation factor (for	

<i>solar projects only</i>	
Excess sales or full buy/sell (indicate which option will be utilized by the project)	

F. Proposed Facility Location

Insert/attach evidence of site control in Section P and location maps in Section Q.

Project Name	
Site Name <i>(if different from above)</i>	
Project Street Address	
Project City, State	
Project Longitude:	
Project Latitude:	
Project parcel numbers:	
<u>Describe merits of proposed site/location.</u>	

Discuss status of site control, including required easements. Site control documentation should be in the name of the entity that will sign the RAM PPA. If not, please provide explanation. Note: if shortlisted, Respondent's site control documents must be: 1) in the name of the same entity that will execute the RAM PPA, or 2) shall have been assigned to such entity by the time Respondent accepts its position on the shortlist.

State and explain the percentage of site control that has been achieved.

G. Interconnection

Interconnection Point <i>(substation name, line or physical description)</i>	
City of Interconnection Point	
Interconnection COD	
Provide an explanation if the Interconnection COD (above) is different than the Expected Project Completion Date specified under the Project Summary Section of this form.	

Has an interconnection application been submitted? <i>(please indicate CAISO or WDAT)</i>	
Entity that requested study and/or signed interconnection agreement should be the same as entity that will sign RAM PPA. If not, please provide explanation. <i>Note: if shortlisted, Respondent's interconnection documents must be:</i> 1) <i>in the name of the same entity that will execute the RAM PPA, or 2) shall have been assigned to such entity by the time Respondent accepts its position on the shortlist.</i>	
Date Application filed	
Queue Position	
Which study has been completed? Phase 1? Phase 2?	
If the project has a completed deliverability study, please provide the estimated date for completion of the deliverability upgrades.	
Bidder acknowledges that the RAM PPA price will be reduced by the Deliverability Value until the project achieves Full Capacity Deliverability Status (Y/N)	
Non-Reimbursable Interconnection Costs Listed in the Study (in \$)	
Provide an explanation for any difference between the Non-Reimbursable Interconnection Costs Listed in the Study (above) and the value listed in cell E60 (Non-Peaking), E61 (Peaking) of Attachment B3 (Non-reimbursable interconnection costs assumed in bid	

price).

Discuss interconnection plan and status, including FCDS status. (Even if application has not been submitted.)

Please identify any termination clauses or other potential issues with existing Interconnection Agreements *(for existing only)*

H. Proposed Technology and Manufacturer

Describe the proposed technology:

Biogas

Biomass

Geothermal

Hydro

Solar: provide specific details regarding the following and specify whether the facility is Fixed Tilt or Tracking

- Crystalline flat plate Photovoltaic?*
- Thin Film Photovoltaic?*
- Concentrating Photovoltaic?*
- Solar Thermal Electric?*

Wind

Other

Describe the proposed technology and equipment manufacturer by name and model (include inverter characteristics if applicable):

Discuss the viability of proposed technology and credibility of the manufacturer :

Discuss operational reliability of proposed technology and manufacturer.

How many projects and MWs with proposed technology have been installed worldwide? Discuss year(s) of installation, project locations, project size at each location and operational success.

Discuss and provide published reports demonstrating that the proposed technology is commercially proven.

Describe the warranty of major components, including panels and inverters.

I. Ownership and Operations

Explain how the Respondent has operational control of the project. *Either through contractual operational control of the project, or if the Respondent is the project operator.*

J. Fuel Source Plan

Has a fuel availability (solar radiation index, biomass and etc...) study been performed for the proposed site? If so, what were the results and how do the results support the projected annual MWs?

K. Financing Plan

Discuss the project's financing plan and status, including on-going debt/equity ratio to be carried by the project during construction (if a new facility) and during operation, sources of debt and equity, equity percentage by sponsor, financing organizations (including rates and terms), level of commitment by investors and lenders. *If anticipating the need for subsidies, grants, Production Tax Credits, Investment Tax Credits or any other third party monetary awards, detail finances associated with monetary awards and discuss how the lack of funding shall impact the offer and deadlines for obtaining such awards.*

L. Permitting

Populate the following table with a list of required permits and anticipated completion. Include CEC RPS Certification and if applicable, water rights.

No.	Permit Type/Name	Issuing Agency	Expected Completion Date
1			
2			
3			

Has project received RPS Certification from the CEC?	
If yes:	
Certification No.	
If no:	
Date Application filed or to be filed	
Describe anticipated issues surrounding RPS certification.	

Discuss plan and status to obtain the permits listed above. Discuss required water rights and status to obtain such rights. Describe scope of assistance from any third party (if applicable).

M. Schedule

Discuss overall project development and construction schedule.

Insert dates for all applicable milestones below:

No.	Date	Project Name
1.		Obtain control of all lands and rights-of-way comprising the Site.
2.		File a CEC Pre-Certification and Verification application.
3.		Receive a completed Phase II Interconnection Study Report
4.		Complete a comprehensive resource assessment.
5.		File permitting application with appropriate agency(ies).
6.		Execute interconnection agreement and/or transmission agreement.
7.		Receive permitting approval(s)
8.		Execute a supply contract.
9.		Execute an Engineering, Procurement and Construction ("EPC") contract.
10.		Complete financing.
11.		Deliver full NTP under EPC contract and begin construction of the Project.
12.		Execute Meter Service Agreement and Participating Generator Agreement.
13.		Achieve initial operation.
14.		Receive all Governmental Approvals necessary to achieve Commercial Operation.
15.		Receive CEC Certification and Verification.

N. Operational Characteristics

Insert Facility Drawings in Section P of this Response Form.

Discuss operational characteristics including required maintenance, delivery profile (peak and off-peak, hourly, daily, seasonal, annual), curtailability and dispatchability.

For excess sales bids: include details on onsite load estimates and meter configuration (if CAISO meter reflects subtraction of customer onsite load from Project output).

O. Corporate Profile and Experience

Please be brief and refrain from including extensive marketing materials, resumes, etc, especially information outside the scope of the project.

Corporate background and organizational structure for the project.

Describe project team's background and experience developing projects of a similar nature and technology. How many MW total are currently under construction?

List and describe other projects of a similar nature and technology developed by Respondent currently in operation. What are the total MW of projects installed.

P. Evidence of Site Control

Please attach/insert evidence of site control. Note: if shortlisted, Respondent's site control documents must be: 1) in the name of the same entity that will execute the RAM PPA, or 2) shall have been assigned to such entity by the time Respondent accepts its position on the shortlist. The following will be accepted:

- a) Documentation evidencing ownership of the site of proposed project (including easements).*
- b) A signed lease of the project site for the term of the PPA*
- c) A signed letter or contract evidencing an exclusive option to lease or purchase the project site for the term of the PPA.*

Q. Location Map

Insert site location map(s) clearly showing the location, size, and orientation of the site; the location of the expected interconnections for transmission, fuel, and water; and the location of residential communities, schools, hospitals, airports, churches, cemeteries, or other expected sensitive neighbors within five miles of the site.

R. Facility Design and Drawings

Insert facility drawings and diagrams including general equipment arrangement of the project, electric interconnect one line diagram showing the scope of supply, delivery point and metering for the electric interconnection including any transmission line and switchyard.

S. Local Opportunities

*Explain in detail the contributions the project will make to the local community.
(i.e. utilizing local resources and employing local hires).*

T. Interconnection Documentation

Insert interconnection study or agreement. Note: if shortlisted, Respondent's interconnection documents must be: 1) in the name of the same entity that will execute the RAM PPA, or 2) shall have been assigned to such entity by the time Respondent accepts its position on the shortlist.

U. Additional Information

Insert additional relevant information necessary for SDG&E to evaluate the merits of the proposal.

V. Confidential Information

Identify parts, sections and elements of the offer (including information in this and all other forms) which Respondent considers to be Confidential and Proprietary in accordance with RFO Section 9 Confidentiality.

San Diego Gas & Electric Advice Letter 2421-E
November 15, 2012

ATTACHMENT D1

NOVEMBER 2012 RAM
OFF PEAK AND BASELOAD PRICING FORM

**2012 RAM Solicitation
Non-Peaking, Non-Local**



Pricing Form

Instructions: Fill-in only highlighted cells.

Company Information	
Company Name Submitting Offer:	
Company Name on Potential Contract:	
Company Address:	
Company is Women/Minority/Disabled Veteran owned Business Enterprise as per CPUC General Order 1567?	

Company Representative	
Primary Contact	Secondary Contact
Contact Name:	
Contact Title:	
Office Number:	
Cell Number:	
Email:	

Offer Characteristics	
Note: Flat pricing is no longer an option for RAM bids. All prices must be adjusted with time-of-day factors.	
Project Name:	
Commercial Operation Date:	Phase II or Deliverability Study Completed?
Interconnection Type:	Expected Completion Date of Reliability Upgrades:
Contract Term (years):	Year FCDS Achieved (default of 2022 if no study): N/A

System Characteristics	
Installed Nameplate MW:	
Net Contract Capacity, MW:	
Technology:	
Turbine Manufacturer:	
Operation Type:	Please select technology in cell P20 above.
IOU Service Area at project's location:	Deliverability Type: N/A

Your Deliverability Value Is: \$ - /MWh
Your Deliverability Adder Is: \$ - /MWh

Contract Year	Year Begins	Year Ends	Contract Capacity (MW AC)	Expected Energy Deliveries (MWh)	Bid Price (\$/MWh)	TOD-Adjusted Price	ENERGY DELIVERIES (MWH)						TOD PRICES (\$/MWH)						TOTAL CONTRACT COST
							Winter Off-Peak 34.73%	Winter Semi-Peak 13.81%	Winter On-Peak 17.76%	Summer Off-Peak 16.65%	Summer Semi-Peak 9.03%	Summer On-Peak 8.02%	Winter Off-Peak 0.774	Winter Semi-Peak 1.078	Winter On-Peak 1.192	Summer Off-Peak 0.900	Summer Semi-Peak 1.181	Summer On-Peak 1.531	
1						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
2						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
3						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
4						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
5						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
6						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
7						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
8						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
9						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
10						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
11						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
12						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
13						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
14						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
15						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
16						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
17						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
18						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
19						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
20						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0

Your Levelized TOD adjusted price \$ - /MWH FOR FCDS BIDS: The Levelized TOD adjusted price shown here assumes that FCDS is achieved as of COD. Bids that cannot provide FCDS at COD will have their PPA TOD prices reduced by the Deliverability Value until FCDS is achieved, which will produce a lower TOD Adjusted price in the PPA than what is shown here.
Development Period Security \$ - Per Article 8 of the PPA (Section 8.3 Performance Assurance)
Delivery Period Security \$ - Per Article 8 of the PPA (Section 8.3 Performance Assurance)

Electrical Interconnection	
Interconnection Point	
Interconnection Voltage Level	
Interconnection Status	
Queue Position Number (if assigned)	
How much in non-reimbursable interconnection cost is assumed in your bid price?	

Instructions:

Populate the table with expected hourly capacity factor of your project during the indicated time periods.

- Assume project is at 100% completion of all phases.
- Disregard any degradation over time.

				EXPECTED NET CAPACITY FACTOR (%)											
				WINTER						SUMMER				WINTER	
Weekday	Hour Beginning	Hour of Day	Hour of Week	January	February	March	April	May	June	July	August	September	October	November	December
Monday	12:00 AM	1	1												
Monday	1:00 AM	2	2												
Monday	2:00 AM	3	3												
Monday	3:00 AM	4	4												
Monday	4:00 AM	5	5												
Monday	5:00 AM	6	6												
Monday	6:00 AM	7	7												
Monday	7:00 AM	8	8												
Monday	8:00 AM	9	9												
Monday	9:00 AM	10	10												
Monday	10:00 AM	11	11												
Monday	11:00 AM	12	12												
Monday	12:00 PM	13	13												
Monday	1:00 PM	14	14												
Monday	2:00 PM	15	15												
Monday	3:00 PM	16	16												
Monday	4:00 PM	17	17												
Monday	5:00 PM	18	18												
Monday	6:00 PM	19	19												
Monday	7:00 PM	20	20												
Monday	8:00 PM	21	21												
Monday	9:00 PM	22	22												
Monday	10:00 PM	23	23												
Monday	11:00 PM	24	24												
Tuesday	12:00 AM	1	25												
Tuesday	1:00 AM	2	26												
Tuesday	2:00 AM	3	27												
Tuesday	3:00 AM	4	28												
Tuesday	4:00 AM	5	29												
Tuesday	5:00 AM	6	30												
Tuesday	6:00 AM	7	31												
Tuesday	7:00 AM	8	32												
Tuesday	8:00 AM	9	33												
Tuesday	9:00 AM	10	34												
Tuesday	10:00 AM	11	35												
Tuesday	11:00 AM	12	36												
Tuesday	12:00 PM	13	37												
Tuesday	1:00 PM	14	38												
Tuesday	2:00 PM	15	39												
Tuesday	3:00 PM	16	40												
Tuesday	4:00 PM	17	41												
Tuesday	5:00 PM	18	42												
Tuesday	6:00 PM	19	43												
Tuesday	7:00 PM	20	44												
Tuesday	8:00 PM	21	45												
Tuesday	9:00 PM	22	46												
Tuesday	10:00 PM	23	47												
Tuesday	11:00 PM	24	48												
Wednesday	12:00 AM	1	49												
Wednesday	1:00 AM	2	50												
Wednesday	2:00 AM	3	51												
Wednesday	3:00 AM	4	52												
Wednesday	4:00 AM	5	53												
Wednesday	5:00 AM	6	54												
Wednesday	6:00 AM	7	55												
Wednesday	7:00 AM	8	56												
Wednesday	8:00 AM	9	57												
Wednesday	9:00 AM	10	58												
Wednesday	10:00 AM	11	59												
Wednesday	11:00 AM	12	60												
Wednesday	12:00 PM	13	61												
Wednesday	1:00 PM	14	62												
Wednesday	2:00 PM	15	63												
Wednesday	3:00 PM	16	64												
Wednesday	4:00 PM	17	65												
Wednesday	5:00 PM	18	66												
Wednesday	6:00 PM	19	67												
Wednesday	7:00 PM	20	68												
Wednesday	8:00 PM	21	69												
Wednesday	9:00 PM	22	70												
Wednesday	10:00 PM	23	71												
Wednesday	11:00 PM	24	72												
Thursday	12:00 AM	1	73												
Thursday	1:00 AM	2	74												
Thursday	2:00 AM	3	75												
Thursday	3:00 AM	4	76												

EXPECTED NET CAPACITY FACTOR (%)															
				WINTER						SUMMER				WINTER	
Weekday	Hour Beginning	Hour of Day	Hour of Week	January	February	March	April	May	June	July	August	September	October	November	December
Thursday	4:00 AM	5	77												
Thursday	5:00 AM	6	78												
Thursday	6:00 AM	7	79												
Thursday	7:00 AM	8	80												
Thursday	8:00 AM	9	81												
Thursday	9:00 AM	10	82												
Thursday	10:00 AM	11	83												
Thursday	11:00 AM	12	84												
Thursday	12:00 PM	13	85												
Thursday	1:00 PM	14	86												
Thursday	2:00 PM	15	87												
Thursday	3:00 PM	16	88												
Thursday	4:00 PM	17	89												
Thursday	5:00 PM	18	90												
Thursday	6:00 PM	19	91												
Thursday	7:00 PM	20	92												
Thursday	8:00 PM	21	93												
Thursday	9:00 PM	22	94												
Thursday	10:00 PM	23	95												
Thursday	11:00 PM	24	96												
Friday	12:00 AM	1	97												
Friday	1:00 AM	2	98												
Friday	2:00 AM	3	99												
Friday	3:00 AM	4	100												
Friday	4:00 AM	5	101												
Friday	5:00 AM	6	102												
Friday	6:00 AM	7	103												
Friday	7:00 AM	8	104												
Friday	8:00 AM	9	105												
Friday	9:00 AM	10	106												
Friday	10:00 AM	11	107												
Friday	11:00 AM	12	108												
Friday	12:00 PM	13	109												
Friday	1:00 PM	14	110												
Friday	2:00 PM	15	111												
Friday	3:00 PM	16	112												
Friday	4:00 PM	17	113												
Friday	5:00 PM	18	114												
Friday	6:00 PM	19	115												
Friday	7:00 PM	20	116												
Friday	8:00 PM	21	117												
Friday	9:00 PM	22	118												
Friday	10:00 PM	23	119												
Friday	11:00 PM	24	120												
Saturday	12:00 AM	1	121												
Saturday	1:00 AM	2	122												
Saturday	2:00 AM	3	123												
Saturday	3:00 AM	4	124												
Saturday	4:00 AM	5	125												
Saturday	5:00 AM	6	126												
Saturday	6:00 AM	7	127												
Saturday	7:00 AM	8	128												
Saturday	8:00 AM	9	129												
Saturday	9:00 AM	10	130												
Saturday	10:00 AM	11	131												
Saturday	11:00 AM	12	132												
Saturday	12:00 PM	13	133												
Saturday	1:00 PM	14	134												
Saturday	2:00 PM	15	135												
Saturday	3:00 PM	16	136												
Saturday	4:00 PM	17	137												
Saturday	5:00 PM	18	138												
Saturday	6:00 PM	19	139												
Saturday	7:00 PM	20	140												
Saturday	8:00 PM	21	141												
Saturday	9:00 PM	22	142												
Saturday	10:00 PM	23	143												
Saturday	11:00 PM	24	144												
Sunday	12:00 AM	1	145												
Sunday	1:00 AM	2	146												
Sunday	2:00 AM	3	147												
Sunday	3:00 AM	4	148												
Sunday	4:00 AM	5	149												
Sunday	5:00 AM	6	150												
Sunday	6:00 AM	7	151												
Sunday	7:00 AM	8	152												
Sunday	8:00 AM	9	153												
Sunday	9:00 AM	10	154												
Sunday	10:00 AM	11	155												
Sunday	11:00 AM	12	156												
Sunday	12:00 PM	13	157												
Sunday	1:00 PM	14	158												
Sunday	2:00 PM	15	159												
Sunday	3:00 PM	16	160												
Sunday	4:00 PM	17	161												
Sunday	5:00 PM	18	162												
Sunday	6:00 PM	19	163												
Sunday	7:00 PM	20	164												

Hour of Beginning	Day of Week	EXPECTED NET CAPACITY FACTOR (%)											
		WINTER						SUMMER					
Hour	Day	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
8:00 PM	Sunday	-	-	-	-	-	-	-	-	-	-	-	-
9:00 PM	Sunday	-	-	-	-	-	-	-	-	-	-	-	-
10:00 PM	Sunday	-	-	-	-	-	-	-	-	-	-	-	-
11:00 PM	Sunday	-	-	-	-	-	-	-	-	-	-	-	-
Total MWhs in Typical Week:		-	-	-	-	-	-	-	-	-	-	-	-
Total MWhs in Month:		-	-	-	-	-	-	-	-	-	-	-	-
% of annual delivery in month:		#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Winter Off-Peak	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Winter Semi-Peak	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Winter On-Peak	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Summer Off-Peak	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Summer Semi-Peak	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Summer On-Peak	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Annual TOD Breakdown:	Peak	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Typical Profiles:	Wind	40.29%	17.55%	19.01%	11.90%	5.84%	5.21%						
	BaseLoad	34.73%	13.81%	17.76%	16.65%	9.03%	8.02%						

San Diego Gas & Electric Advice Letter 2421-E
November 15, 2012

ATTACHMENT D2

NOVEMBER 2012 RAM
PEAK PRICING FORM

**2012 RAM Solicitation
Peaking , Non-Local**



Pricing Form

Instructions: Fill-in only highlighted cells.

Company Information	
Company Name Submitting Offer:	
Company Name on Potential Contract:	
Company Address:	
Company is Women/Minority/Disabled Veteran owned Business Enterprise as per CPUC General Order 156?	

Company Representative	
Primary Contact	Secondary Contact
Contact Name:	
Contact Title:	
Office Number:	
Cell Number:	
Email:	

Offer Characteristics	
Note: Flat pricing is no longer an option for RAM bids. All prices must be adjusted with time-of-day factors.	
Project Name:	
Commercial Operation Date:	Phase II or Deliverability Study Completed?
Interconnection Type:	Expected Completion Date of Reliability Upgrades:
Contract Term (years):	Year FCDS Achieved (default of 2022 if no study): 2022

System Characteristics	
Installed Nameplate MWdc:	
Net Contract Capacity, MWac:	
Solar Technology:	
Manufacturer:	
Tracking system:	
Installation Area, square feet:	
IOU Service Area at project's location:	Deliverability Type: N/A

Your Deliverability Value Is: \$ - /MWh
Your Deliverability Adder Is: \$ - /MWh

Contract Year	Year Begins	Year Ends	Contract Capacity (MW AC)	Expected Energy Deliveries (MWh)	Bid Price (\$/MWh)	TOD-Adjusted Price	ENERGY DELIVERIES (MWH)						TOD PRICES (\$/MWH)						TOTAL CONTRACT COST	
							Winter Off-Peak	Winter Semi-Peak	Winter On-Peak	Summer Off-Peak	Summer Semi-Peak	Summer On-Peak	Winter Off-Peak	Winter Semi-Peak	Winter On-Peak	Summer Off-Peak	Summer Semi-Peak	Summer On-Peak		
							18.25%	24.62%	19.67%	10.89%	10.05%	16.51%	0.774	1.078	1.192	0.900	1.181	1.531		
1						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
2						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
3						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
4						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
5						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
6						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
7						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
8						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
9						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
10						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
11						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
12						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
13						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
14						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
15						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
16						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
17						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
18						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
19						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
20						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0

Your Levelized TOD adjusted price \$ - /MWH
Development Period Security \$ -
Delivery Period Security \$ -

FOR FCDS BIDS: The Levelized TOD adjusted price shown here assumes that FCDS is achieved as of COD. Bids that cannot provide FCDS at COD will have their PPA TOD prices reduced by the Deliverability Value until FCDS is achieved, which will produce a lower TOD Adjusted price in the PPA than what is shown here.
Per Article 8 of the PPA (Section 8.3 Performance Assurance)
Per Article 8 of the PPA (Section 8.3 Performance Assurance)

Electrical Interconnection	
Interconnection Point	
Interconnection Voltage Level	
Interconnection Status	
Queue Position Number (if assigned)	
How much in non-reimbursable interconnection cost is assumed in your bid price?	

Instructions:

Populate the table with expected hourly capacity factor of your project during the indicated time periods.

- Assume project is at 100% completion of all phases.
- Disregard any degradation over time.

		EXPECTED NET CAPACITY FACTOR (%)											
		WINTER						SUMMER				WINTER	
		January	February	March	April	May	June	July	August	September	October	November	December
Weekday	Hour of Day												
Monday	12:00 AM												
Monday	1:00 AM												
Monday	2:00 AM												
Monday	3:00 AM												
Monday	4:00 AM												
Monday	5:00 AM												
Monday	6:00 AM												
Monday	7:00 AM												
Monday	8:00 AM												
Monday	9:00 AM												
Monday	10:00 AM												
Monday	11:00 AM												
Monday	12:00 PM												
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Wednesday	8:00 PM												
Wednesday	9:00 PM												
Wednesday	10:00 PM												
Wednesday	11:00 PM												
Thursday	12:00 AM												
Thursday	1:00 AM												
Thursday	2:00 AM												

EXPECTED NET CAPACITY FACTOR (%)															
				WINTER						SUMMER				WINTER	
Weekday	Hour Beginning	Hour of Day	Hour of Week	January	February	March	April	May	June	July	August	September	October	November	December
Thursday	3:00 AM	4	76												
Thursday	4:00 AM	5	77												
Thursday	5:00 AM	6	78												
Thursday	6:00 AM	7	79												
Thursday	7:00 AM	8	80												
Thursday	8:00 AM	9	81												
Thursday	9:00 AM	10	82												
Thursday	10:00 AM	11	83												
Thursday	11:00 AM	12	84												
Thursday	12:00 PM	13	85												
Thursday	1:00 PM	14	86												
Thursday	2:00 PM	15	87												
Thursday	3:00 PM	16	88												
Thursday	4:00 PM	17	89												
Thursday	5:00 PM	18	90												
Thursday	6:00 PM	19	91												
Thursday	7:00 PM	20	92												
Thursday	8:00 PM	21	93												
Thursday	9:00 PM	22	94												
Thursday	10:00 PM	23	95												
Thursday	11:00 PM	24	96												
Friday	12:00 AM	1	97												
Friday	1:00 AM	2	98												
Friday	2:00 AM	3	99												
Friday	3:00 AM	4	100												
Friday	4:00 AM	5	101												
Friday	5:00 AM	6	102												
Friday	6:00 AM	7	103												
Friday	7:00 AM	8	104												
Friday	8:00 AM	9	105												
Friday	9:00 AM	10	106												
Friday	10:00 AM	11	107												
Friday	11:00 AM	12	108												
Friday	12:00 PM	13	109												
Friday	1:00 PM	14	110												
Friday	2:00 PM	15	111												
Friday	3:00 PM	16	112												
Friday	4:00 PM	17	113												
Friday	5:00 PM	18	114												
Friday	6:00 PM	19	115												
Friday	7:00 PM	20	116												
Friday	8:00 PM	21	117												
Friday	9:00 PM	22	118												
Friday	10:00 PM	23	119												
Friday	11:00 PM	24	120												
Saturday	12:00 AM	1	121												
Saturday	1:00 AM	2	122												
Saturday	2:00 AM	3	123												
Saturday	3:00 AM	4	124												
Saturday	4:00 AM	5	125												
Saturday	5:00 AM	6	126												
Saturday	6:00 AM	7	127												
Saturday	7:00 AM	8	128												
Saturday	8:00 AM	9	129												
Saturday	9:00 AM	10	130												
Saturday	10:00 AM	11	131												
Saturday	11:00 AM	12	132												
Saturday	12:00 PM	13	133												
Saturday	1:00 PM	14	134												
Saturday	2:00 PM	15	135												
Saturday	3:00 PM	16	136												
Saturday	4:00 PM	17	137												
Saturday	5:00 PM	18	138												
Saturday	6:00 PM	19	139												
Saturday	7:00 PM	20	140												
Saturday	8:00 PM	21	141												
Saturday	9:00 PM	22	142												
Saturday	10:00 PM	23	143												
Saturday	11:00 PM	24	144												
Sunday	12:00 AM	1	145												
Sunday	1:00 AM	2	146												
Sunday	2:00 AM	3	147												
Sunday	3:00 AM	4	148												
Sunday	4:00 AM	5	149												
Sunday	5:00 AM	6	150												
Sunday	6:00 AM	7	151												
Sunday	7:00 AM	8	152												
Sunday	8:00 AM	9	153												
Sunday	9:00 AM	10	154												
Sunday	10:00 AM	11	155												
Sunday	11:00 AM	12	156												
Sunday	12:00 PM	13	157												
Sunday	1:00 PM	14	158												
Sunday	2:00 PM	15	159												
Sunday	3:00 PM	16	160												
Sunday	4:00 PM	17	161												

Weekday	Beginning	Hour	Hour	EXPECTED NET CAPACITY FACTOR (%)											
				WINTER			SUMMER			WINTER			SUMMER		
of	of	Hour	Week	January	February	March	April	May	June	July	August	September	October	November	December
Sunday	5:00 PM	18	162												
Sunday	6:00 PM	19	163												
Sunday	7:00 PM	20	164												
Sunday	8:00 PM	21	165												
Sunday	9:00 PM	22	166												
Sunday	10:00 PM	23	167												
Sunday	11:00 PM	24	168												

Total MWhs in Typical Week:				% of annual delivery in month:											
Winter Off-Peak	Winter Semi-Peak	Winter On-Peak	Summer Off-Peak	January	February	March	April	May	June	July	August	September	October	November	December
#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Winter Off-Peak	Winter Semi-Peak	Winter On-Peak	Summer Off-Peak	Summer Semi-Peak	Summer On-Peak	Winter Off-Peak	Winter Semi-Peak	Winter On-Peak	Summer Off-Peak	Summer Semi-Peak	Summer On-Peak	Winter Off-Peak	Winter Semi-Peak	Winter On-Peak	Summer Off-Peak

Annual TOD Breakdown:									
Winter Off-Peak	Winter Semi-Peak	Winter On-Peak	Summer Off-Peak	Summer Semi-Peak	Summer On-Peak	Winter Off-Peak	Winter Semi-Peak	Winter On-Peak	Summer Off-Peak
0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Typical Profiles:									
Solar Photovoltaic	Solar Thermal	Winter Off-Peak	Winter Semi-Peak	Winter On-Peak	Summer Off-Peak	Summer Semi-Peak	Summer On-Peak	Winter Off-Peak	Winter Semi-Peak
18.50%	18.25%	27.67%	18.58%	19.67%	10.07%	10.89%	10.05%	18.17%	16.51%



Operation Date	Contract Term (years)									
	5	6	7	8	9	10	15	20		
2012	69,3060	71,0138	72,2937	74,0860	75,3222	76,8875	83,5280	89,5394		
2013	74,0650	75,5513	76,8817	78,3485	79,7222	81,0433	87,7557	93,7399		
2014	77,6319	79,0721	80,4768	81,8539	83,2051	84,5377	91,5035	97,5556		
2015	80,9593	82,3998	83,8066	85,1957	86,5701	88,0396	95,2948	101,3179		
2016	84,1412	85,6045	87,0453	88,4721	90,0315	91,5620	98,8321	105,0088		
2017	87,0386	88,5307	90,0101	91,6248	93,2515	94,8770	102,2220	108,5892		
2018	89,9550	91,5305	93,2299	94,9410	96,6489	98,3104	105,6957	112,1775		
2019	93,0268	94,8332	96,6348	98,4300	100,1785	102,0211	109,2730	115,3626		
2020	96,4413	98,3538	100,2497	102,0766	103,8244	105,4950	112,9580	119,6470		
2021	100,1049	102,1077	104,0224	105,8438	107,5780	109,1593	116,7490	123,5323		
2022	104,0097	106,0374	107,9283	109,7209	111,3421	112,8838	120,6648	127,5379		
2023	108,1619	110,1074	111,9450	113,5935	115,1769	116,6993	124,8829	131,5985		

PROJECT COD/START YEAR 1900 TERM 0 BASELOAD MPR 0.0000

MTR TOD ALL-IN CONTRACT	Summer On-Peak Expected					Winter On-Peak Expected					Summer Semi-Peak Expected					Winter Semi-Peak Expected					Summer Off-Peak Expected					Winter Off-Peak Expected					Total MPR	Annual TOD	Discount	Discounted	Discounted		
	YR	MWh	MPR \$/MWh	Multiplier	TOD Price	Period Cost	MWh	MPR \$/MWh	Multiplier	TOD Price	Period Cost	MWh	MPR \$/MWh	Multiplier	TOD Price	Period Cost	MWh	MPR \$/MWh	Multiplier	TOD Price	Period Cost	MWh	MPR \$/MWh	Multiplier	TOD Price	Period Cost	MWh	MPR \$/MWh	Multiplier	TOD Price						Period Cost	Total GWh
1	0.00	2.901	50.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.942	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.000	-	0.0	-	0.0
2	0.00	2.901	50.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.942	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.084	-	0.0	-	0.0
3	0.00	2.901	50.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.942	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.175	-	0.0	-	0.0
4	0.00	2.901	50.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.942	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.274	-	0.0	-	0.0
5	0.00	2.901	50.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.942	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.381	-	0.0	-	0.0
6	0.00	2.901	50.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.942	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.497	-	0.0	-	0.0
7	0.00	2.901	50.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.942	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.622	-	0.0	-	0.0
8	0.00	2.901	50.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.942	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.759	-	0.0	-	0.0
9	0.00	2.901	50.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.942	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.906	-	0.0	-	0.0
10	0.00	2.901	50.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.942	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	2.067	-	0.0	-	0.0
11	0.00	2.901	50.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.942	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	2.240	-	0.0	-	0.0
12	0.00	2.901	50.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.942	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	2.428	-	0.0	-	0.0
13	0.00	2.901	50.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.942	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	2.632	-	0.0	-	0.0
14	0.00	2.901	50.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.942	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	2.854	-	0.0	-	0.0
15	0.00	2.901	50.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.942	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	3.099	-	0.0	-	0.0
16	0.00	2.901	50.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.942	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	3.359	-	0.0	-	0.0
17	0.00	2.901	50.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.942	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	3.635	-	0.0	-	0.0
18	0.00	2.901	50.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.942	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	3.940	-	0.0	-	0.0
19	0.00	2.901	50.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.942	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	4.271	-	0.0	-	0.0
20	0.00	2.901	50.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.942	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	4.630	-	0.0	-	0.0

TOTAL FCDS PAYMENT STREAM										TOTAL ENERGY ONLY PAYMENT STREAM										TOTAL MPR					Annual TOD					Discount					Discounted				
PV OF FCDS PAYMENT STREAM										PV OF ENERGY ONLY PAYMENT STREAM										PV DIFFERENCE					FCDS PAYMENT PREMIUM														
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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Fuel Deliverability #DAV/50
System Deliverability #DAV/50

San Diego Gas & Electric Advice Letter 2421-E
November 15, 2012

ATTACHMENT E

REDLINE OF RAM RFO
(SHOWS CHANGES MADE TO THE RAM 2 RFO)



A  Sempra Energy utility[®]

**RAM PROGRAM
ADVICE LETTER 23492421-E**

**ATTACHMENT A
~~MAY~~NOVEMBER 2012 RFO SEEKING
RAM POWER PURCHASE AGREEMENTS**



SAN DIEGO GAS AND ELECTRIC COMPANY
ELECTRIC AND GAS PROCUREMENT DEPARTMENT
8315 CENTURY PARK COURT, CP21D
SAN DIEGO, CA 92123

SDG&E'S RENEWABLE AUCTION MECHANISM

~~MAY~~NOVEMBER 2012
REQUEST FOR OFFERS
SEEKING
RAM
POWER PURCHASE AGREEMENTS

ISSUED

~~MAY 4~~NOVEMBER 19, 2012

OFFERS DUE

~~MAY 31~~DECEMBER 21, 2012

RFO WEBSITE

<http://sdge.com/procurement/NovNovember2012-renewable-auction-mechanism>

EMAIL QUESTIONS/COMMENTS TO

RAMSolicitation@semprautilities.com



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1.0 BACKGROUND

San Diego Gas & Electric Company (SDG&E) is issuing its ~~second~~ third Request for Offers (“RFO”) in support of its Renewable Auction Mechanism (RAM). The RAM, approved by the California Public Utilities Commission (CPUC) in Decision (D.) D.10-12-048¹ (RAM Decision) and modified by Resolution E-4414² (RAM Resolution E-4489³, and Resolution E-4546⁴ (together, the RAM Decision), supplements the State’s Renewable Portfolio Standard (RPS) program, complements the California Solar Initiative (CSI) program, promotes small-scale renewable development and may present local employment potential in California. SDG&E’s RAM program incorporates the directives of both the RAM Decision and RAM Resolution, along with recent changes adopted by the Commission in Resolution E-4489³ and Decision D.12-02-22⁴. SDG&E’s RAM program is designed to procure a total of 155 MW over the course of four solicitations. SDG&E’s first and second RAM solicitations, held in November of 2011, and May 2012, respectively, resulted in the procurement of 45 MW approximately 53 MW, leaving 140 MW approximately 102 MW to procure over the course of the next three two solicitations. —The RAM calls for SDG&E to procure the renewable energy capacity pursuant to 10, 15 and 20-year RAM Power Purchase Agreements (PPAs) with Independent Power Producers.

This solicitation is limited to seeking PPAs through the auction mechanism. This solicitation is not requesting bids for renewable energy credits, feed-in-tariff projects or other RPS procurement activities that currently exist or are being contemplated.

Participation from Diverse Business Enterprises:

¹ For additional information please visit:

http://docs.cpuc.ca.gov/PUBLISHED/FINAL_DECISION/123021.htm

² Resolution E-4414 dated August 18, 2011. For additional information please visit:

<http://www.cpuc.ca.gov/NR/rdonlyres/D68F1B4C-D188-4F02-BF70-CC42BFBB0B71/0/E4414FinalResolution.pdf>

³ Resolution E-4489, Approving PG&E’s AL 4000-E with Modifications and Addressing Additional Issues on Energy Division’s Own Motion, dated April 19, 2012. For additional information please visit:

http://docs.cpuc.ca.gov/WORD_PDF/FINAL_RESOLUTION/164684.pdf

⁴ Resolution E-4546 dated November 8, 2012. For additional information please visit: :

<http://docs.cpuc.ca.gov/PublishedDocs/Published/G000/M033/K956/33956185.PDF>

³ Resolution E-4889 Approving PG&E’s AL 4000 E with Modifications and Addressing Additional Issues on Energy Division’s Own Motion. For additional information please visit: http://docs.cpuc.ca.gov/WORD_PDF/FINAL_RESOLUTION/164684.pdf

⁴ Decision 12-02-022 approved SDG&E’s request to merge its Solar Energy Program (“SEP”) obligation to procure 74 MWs of solar photovoltaic generation pursuant to power purchase agreements, with its RAM obligation to procure 81 MWs of renewable generation. As a result, SDG&E filed Advice Letter 2232 E-D which officially increased SDG&E’s total RAM obligation from 81 to 155 MWs in order to incorporate the SEP capacity into its RAM program.

SDG&E encourages Diverse Business Enterprises (“DBEs”⁵), as defined in G.O. 156⁵, to participate in the RAM program. Additional information on SDG&E’s DBE program can be found at:

<http://www.sempra.com/about/supplier-diversity/>
and
<http://www.cpuc.ca.gov/puc/supplierdiversity/>

SDG&E’s DBE Program representatives will provide a presentation during the pre-bidding conference on ~~May 7, November 28,~~ 2012. DBEs can request additional information by contacting SDG&E at vendorrelations@semprautilities.com.

Products and Procurement Targets for ~~Second~~Third RAM Solicitation:

SDG&E will solicit projects from three product categories, summarized in Table 1, that best meet both the state’s renewable energy goals and the purpose of the RAM Program: 1) Baseload products (generation resources which produce energy around-the clock); 2) Peaking As-Available products (generation resources whose energy production follows SDG&E’s hourly load profile during daytime hours); and 3) Non-Peaking –As- Available products (generation resources whose energy production follows SDG&E’s off peak hours, usually during the evening hours). All three products must be located within the service territories of SDG&E, Pacific Gas & Electric Company (PG&E), or Southern California Edison Company (SCE), or SDG&E. An example and summary of each product is summarized in Table 1 below. The procurement targets for each product are listed in Table 2 below.

Table 1. Summary of RAM Products

Product	Description
Baseload	<ul style="list-style-type: none"> - technologies run continuously (typically biomass, geothermal and run of river hydro) - ratio of off-peak to total annual deliveries between 43% and 53% - interconnects within the service territories of <u>SDG&E, PG&E, or SCE or SDG&E</u>
Peaking As-Available	<ul style="list-style-type: none"> - peaking products (typically solar) - ratio of off-peak to total annual deliveries less than 43% - interconnects within the service territories of <u>SDG&E, PG&E, SCE or SDG&E/SCE</u>
Non-Peaking –As- Available	<ul style="list-style-type: none"> - off-peak technologies (typically wind) - ratio of off-peak to total annual deliveries greater than 53% - interconnects within the service territories of <u>SDG&E, PG&E, SCE or SDG&E/SCE</u>

⁵ See <http://www.thesupplierclearinghouse.com/eligibility/default.asp> for the definition of a DBE.

Table 2. Procurement Target for Second RAM Auction

Product	Target Capacity (MW)
Baseload	56
Peaking As-Available	3540
Non-Peaking-As Available	56
Total (MW)	4552

INTERCONNECTION:

Respondents must have completed ~~an interconnection agreement~~, System Impact Study, ~~a~~ Phase I interconnection study, or have passed the Wholesale Distribution Access Tariff (WDAT-~~or~~) or California Independent System Operator (CAISO) Fast Track screens and provide a copy of the most recent completed agreement or study or evidence of having passed the Fast Track screening process with their offer. Transmission level projects that do not yet have a completed interconnection agreement are required to apply for interconnection through the California Independent System Operator (CAISO) Large Generator Interconnection Agreement/Small Generator Interconnection Agreement (LGIA/SGIA) process. Distribution level projects that do not yet have a completed interconnection agreement will be required to apply through SDG&E's or respective IOU's WDAT process. Projects interconnecting within SDG&E's service territory may visit: <http://www.sdge.com/business/interconnection.shtml> for additional information. **Respondents must incorporate all estimated non-reimbursable interconnection costs that are allocated to the project in their offer pricing.**

Respondents may provide bids for projects that will achieve Full Capacity Deliverability Status ("FCDS²"), as defined by the CAISO Tariff and determined by the CAISO, or for projects that will not achieve FCDS ("Energy Only²"). Respondents may also choose to provide both FCDS and Energy Only bids for the same project. SDG&E intends that FCDS projects will count towards SDG&E's Resource Adequacy (RA) obligations when possible. In order to achieve FCDS, a project must apply for a deliverability study to be conducted by the CAISO. Respondents with winning bids for FCDS projects must demonstrate that: (1) the project has been assessed for deliverability; (2) ~~the project will be assessed for deliverability through the CAISO's cluster IV study process, or~~ (3) (2) the Respondent will request a deliverability assessment through the next available CAISO cluster window. This condition must be met for winning bids that will interconnect at either the distribution or transmission level.

To help potential Respondents assess the feasibility of project sites, SDG&E has established an Interactive Website~~interactive website~~. The website contains SDG&E's transmission system (69 kV and above), distribution system, circuit and substation area maps that Respondents may use to research approximate locations for project interconnection sites. SDG&E does not guarantee that projects can interconnect at any illustrated map location. The map is only one tool to help developers identify potential project interconnection sites. There are numerous factors that ~~need to~~must be

considered regarding interconnection, including project rated size, specific circuit and substation load, percent of generation on the circuit and substation, voltage, reactive power (VAR) and power factor considerations. Actual interconnection requirements and costs will be determined after detailed studies are performed for the specific location and project size. To view the interactive map, parties complete the registration form that can be accessed at: <http://sdge.com/builderservices/dgmap/>.

PPA/CPUC Approval:

Selected bidders will execute the RAM PPA. All PPAs resulting from the RAM program shall be subject to CPUC approval. SDG&E reserves the right to seek CPUC approval for contracts individually or to file multiple contracts in one advice letter but seeking that seeks independent approvals for each contract.

2.0 PROCUREMENT PROCESS

Respondents to this solicitation shall comply with the requirements described in this RFO document. By responding, Respondents are bound by the terms of this RFO. The RFO Procurement Process steps are presented as a flow chart in Figure 1.

All conforming offers will be evaluated in accordance with the Evaluation Criteria described in Section 5 of the RFO. SDG&E will select bids to meet the 4552 MW auction target and the individual product targets by selecting the least expensive bids from each product category first. SDG&E may procure plus or minus 20 MW of the capacity targeted in each product category ~~as so~~ long as the total capacity procured in each auction is plus or minus 20 MW of the total capacity target.

~~SDG&E is mindful of~~ recognizes the ~~influence~~ impact of interconnection costs ~~have~~ on successful project development. Distribution level upgrade costs and/or any transmission level upgrade costs (other than network upgrades) allocated to the project shall be paid by the Respondent and such costs should be incorporated in the offer price based on the estimates provided in the most recent completed interconnection study, or equivalent estimates provided pursuant to the Fast Track process.

Transmission network upgrade costs are ultimately borne by ratepayers and therefore should not be included in a Respondent's offer price. As described in Section 5 below, SDG&E will add the estimated transmission network upgrade costs (other than non-reimbursable deliverability network upgrade costs) resulting from the most recent interconnection study to the respondent's bid price when ranking bids.

SDG&E recognizes the importance of distinguishing between projects that provide FCDS value and those that do not. Respondents may provide bids for FCDS projects or Energy Only projects. Respondents may also choose to provide both FCDS and Energy Only pricing options for the same project.

For FCDS bids, Respondents must: (1) have obtained or plan to obtain a deliverability study from the CAISO to determine what, if any, upgrades are required for the project to achieve FCDS; and (2) provide a date by which FCDS will be obtained. If the Respondent has obtained a deliverability study for the project, the Respondent must use the estimated completion date for deliverability upgrades that is provided in the study. If the Respondent has not obtained a deliverability study for the project, SDG&E will assume that the project will achieve FCDS on 1/1/2022. SDG&E will incorporate the value of obtaining FCDS in its evaluation process as described in Section 5 below.

If a bid that includes FCDS value is selected, the Respondent must demonstrate that: (1) the project has been assessed for deliverability; ~~(2) the project will be assessed for deliverability through the CAISO's cluster IV study process, or (3 or (2)~~ the Respondent will request a deliverability assessment through the next available CAISO cluster window. Costs to facilitate such studies will be borne by the Respondent at no additional cost to SDG&E.

The PPA for ~~the~~ FCDS projects will provide for one price to be paid before the product achieves FCDS (“Energy Only Price²²) and a second (higher) price to be paid after the project achieves FCDS (“FCDS Price²²). The PPA will also require that the project must achieve FCDS by January 1, 2022.

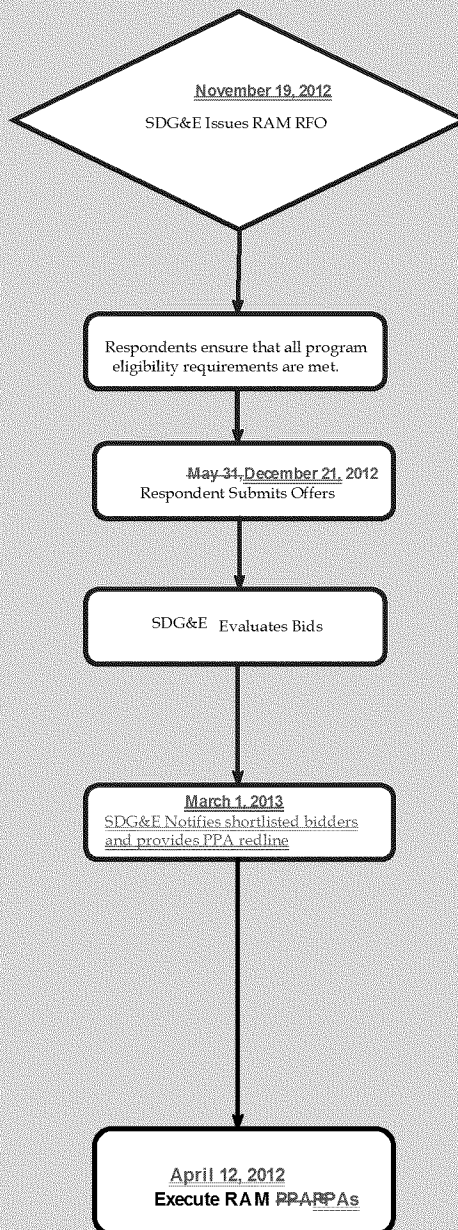
For bids that will not include FCDS value, Respondents do not need to obtain a deliverability study, and instead can proceed through the interconnection process as an Energy Only project. SDG&E will not include RA value in its evaluation of Energy Only bids, as described in Section 5 below. If selected, SDG&E would pay an Energy Only price for this product.

Bids that are selected will receive from SDG&E a form RAM PPA (which is available on SDG&E’s RAM RFO Website) that is redlined to reflect the relevant provisions that are applicable to the proposed project as indicated by Respondent in their Project Description Form. The executed PPAs will be filed for Approval with the CPUC via a Tier 2 advice letter.

Figure 1. RAM PPA Solicitation Process

RAM Program

RAM PPA Solicitation Process



3.0 REQUIREMENTS

Respondents to this solicitation shall comply with the requirements herein. SDG&E, at its sole discretion, may change the terms, requirements and schedule of the solicitation. Respondents shall visit the RFO Website for announcements regarding any change.

A. PARTICIPATION / ELIGIBILITY CRITERIA

Terms of participation are listed below. Respondents not meeting all minimum participation criteria shall be deemed ineligible and their offers will not be considered.

Resource:

1. Resources must be CEC-certifiable as an eligible renewable resource;
2. Resources must utilize a commercially proven technology;
3. Resources must be new or existing facilities;
 - i. an existing facility may participate in RAM without restriction if the existing facility is not currently delivering energy pursuant to an existing contractual agreement with SDG&E, PG&E or SCE, or if such an agreement exists but it is scheduled to terminate within 24 months of the proposed effective date of the utility's PPA from that RAM auction, as estimated by that utility's RAM Bidding Protocol (e.g., April 12, 2013);
4. Resources must sell its entire output to SDG&E (full buy/sell) or all output in excess of onsite load to SDG&E (excess sales); and
5. ~~The project must be the only project being developed by the Respondent on any single or contiguous piece of property (selling not sell partial output from a system sized above 20 MWs will not be permitted).~~

Project Capacity:

1. All capacity ratings specified in this RFO must be nameplate capacities for alternating current ("ac") generation as provided to the ~~bulk power~~ transmission or distribution system. Offers that provide direct current ("dc") ratings will be rejected for nonconformance;
2. Resources must provide a minimum contract size ~~of 1~~ greater than 3 MW installed capacity; and
3. ~~Resources may provide a minimum project size of 500 kW to aggregate to meet the minimum contract size of 1 MW. Below are the specific criteria for aggregated projects:~~
 - a. ~~Each aggregated facility has a capacity of no less than 500kw;~~
 - b. ~~The project comprised of the aggregated facilities interconnects within a single P Node;~~
 - c. ~~All aggregated facilities comprising a project are owned by a single participant;~~
 - d. ~~Each aggregated facility has its own individual CAISO meter;~~
 - e. ~~No more than ten facilities are aggregated into one project;~~

- ~~f. Total contract capacity of no more than 5 MW~~
3. ~~4.~~ Project maximum size is 20 MW installed capacity~~;~~

Location/Site Control:

1. Project must be located within the service territories of PG&E, SCE or SDG&E; and
2. The Respondent must have, at time of bidding, site control for the duration of 10, 15 or 20-year power purchase agreement. A copy of one of the following forms of site control must be provided:
 - a. direct ownership
 - b. a lease
 - c. an option to lease or purchase upon PPA approval. The option must be an exclusive option to the Bidder that will last until the completion of the RFO cycle.

Note: If shortlisted, Respondent's site control documents must be: 1) in the name of the same entity that will execute the RAM PPA, or 2) shall have been assigned to such entity by the time Respondent accepts its position on the shortlist.

Interconnection:

1. Respondents must have completed a System Impact Study, a Phase I interconnection study, or have passed WDAT or CAISO Fast Track screens; and
2. A copy of the most recent completed study or equivalent results from the Fast Track process must be included in the offer~~;~~

Note: If shortlisted, Respondent's interconnection documents must be: 1) in the name of the same entity that will execute the RAM PPA, or 2) shall have been assigned to such entity by the time Respondent accepts its position on the shortlist.

Developer Experience:

1. The Respondent and/or members of the project development team must have experience. Respondents must provide evidence of having completed, or begun construction, of a project using a technology similar to the offered technology, that is at least one MW installed capacity; and
2. The Respondent will maintain contractual control of the facilities and be responsible for development, land acquisition, permitting, financing and construction for the facilities. Respondents must provide a description of how operational control will be maintained.

Project Start Date:

1. Offers must provide an anticipated delivery start date that is within 24 months after the expected CPUC Approval date as indicated in the RFO schedule at Section 5 below.

Other Incentives Not Permitted:

1. Respondents shall not have sought ~~California Solar Incentives (CSI)~~ CSI incentives for the projects being offered and shall not plan to seek CSI incentives for the entire term of the PPA;
2. Respondents shall not have participated in the Net Energy Metering (NEM) Program for the projects being offered and shall not ~~plan to~~ participate in the ~~Net Energy Metering~~ NEM Program for the entire term of the PPA; and
3. Respondents shall not have sought or received any other benefits from the small generator incentive programs offered by the State of California or California utilities.

B. POWER PURCHASE AGREEMENT CRITERIA

Requirements contained within the non-negotiable RAM PPA attached to this RFO, include the following:

1. Resources may ~~choose~~ choose between two types of transactions:
 - a. Full Buy/Sell: facility sells 100% of its output to the utility and purchases any energy needed to service onsite load from the utility; or
 - b. Excess Sales: facility first offsets its onsite load and then sells excess energy to the utility.
2. ~~Resources~~ Eligible resources must participate in the CAISO's Participating Intermittent Resource Program (PIRP) and comply with the Eligible Intermittent Resource Protocol.
3. Resources must:
 - a. obtain RPS certification for the project from the CEC;
 - b. execute a Participating Generator Agreement with the CAISO;
 - c. execute a Meter Service Agreement with the CAISO;
 - d. install a CAISO meter;
 - e. register the project with the Western Renewable Energy Generation Information System (WREGIS) and pay all associated fees so that monthly generation can be tracked and automatically reported for purposes of meeting the requirements of the RPS and automatically transferred to SDG&E; and
 - f. execute a CAISO Qualified Reporting Entity Service Agreement to allow CAISO, on the Respondent's behalf, to upload generation information directly into WREGIS.
4. Winning bidders must provide Development Period Security and Delivery Term Security for the project as described in Section C below.
5. For projects that will interconnect to a distribution system, Respondents must apply for distribution interconnection using the SDG&E WDAT process, or similar process for SCE and PG&E.
6. For projects that will interconnect to a transmission system, Respondents must apply for transmission interconnection using the CAISO LGIP/SGIP process.
7. Seller of projects that will achieve FCDS must obtain a CAISO deliverability study.

8. For FCDS projects, the PPA will provide an energy price adjusted by Time of Day (TOD) factors that include the value of FCDS. The TOD adjusted price will then be reduced by the Deliverability Value as calculated in section 5.D below, until the project achieves FCDS. Once the project achieves FCDS, the Deliverability Value will be added back to the TOD-adjusted energy price. For Energy Only projects, the PPA will provide an energy price adjusted by TOD factors that do not include the value of FCDS.
9. The RAM PPA will provide that FCDS project must achieve FCDS by January 1, 2022.
10. Before executing the RAM PPA, Respondents shall chose whether SDG&E shall be the scheduling coordinator for the project or whether another party shall be the scheduling coordinator.
11. There will be zero payment for output during any hour during the delivery period in excess of 110% of the contracted capacity, and a reduced payment equal to 75% of the PPA price for energy deliveries in excess of 115% of the contracted annual generation.
12. ~~11.~~ Respondents shall cooperate with SDG&E during the term of the agreement to provide financial statements, financial schedules and all necessary records to determine whether or not the project is subject to financial consolidation as required by Generally Accepted Accounting Principles (GAAP) and SEC rules. If it is determined that consolidation is necessary, Respondents shall continue to cooperate with SDG&E during term of the PPA to comply with all applicable rules.
13. ~~12.~~ By the Commercial Operation Date, resources must be certified as an RPS-eligible resource by the CEC.
14. ~~13.~~ Respondents must provide milestone updates.

C. CREDIT TERMS AND CONDITIONS

Development Period Security is due on or before the signing date of the PPA. A ~~\$20/60 per kW~~ deposit is required for ~~all projects 5 MW and smaller and \$60 per kW for intermittent resources between 5-20 MW,~~ and a \$90 per kW for non-intermittent deposit is required for baseload resources between 5-20 MW.

Delivery Term Security is required at COD. ~~For projects 5 MW and smaller the~~ The Delivery Term Security is \$20 per kW 5% of the expected total revenues over the term of the PPA. The Development Period Security will roll over to help satisfy the Delivery Term Security for this category of projects. ~~For projects larger than 5 MW, the Delivery Term Security is 5% of the expected total revenues over the term of the PPA.~~

Credit support may be in the form of a Letter of Credit or cash. A ~~proforma~~ pro forma Letter of Credit is contained within the RAM PPA.

4.0 RFO RESPONSE INSTRUCTIONS

Respondents may submit offers to this solicitation by completing the forms listed below. Forms are available on the RFO Website. The failure to provide the listed information may result in the proposal being deemed non-conforming and may disqualify the proposal from further consideration.

RFO Registration Offer Submittal:

Any party interested in submitting an offer must ~~register on the RFO Website and upload the offer. To register, Respondents must fill out and email an RFO Registration Form (available from the RFO Website) submit the offer via electronic mail (email) to RAMSolicitation@semprautilities.com-~~ SDG&E will process the form and provide the interested party instructions necessary to upload offers. A username/password combination will be issued allowing access to the offer upload link, which is the RAM RFO inbox, and attach all required forms and bid materials to the email. The Subject line of the email should be as follows: Bid Submission for SDG&E's 2012 Winter RAM RFO. A reply email from the RAM RFO inbox will be sent to the email address submitting the offer to confirm receipt of the offer.

Required Forms and Bid Materials:

1. **Project Description Form** – Submit one per project ~~(provide individual forms for each portion of an aggregated project).~~ Respondents will use this form to ~~indicate~~ describe the Product for which they are submitting a bid ~~for~~, present the merits of the project and demonstrate that the participation criteria and resource criteria have been met. For example, within this form Respondents must present the project's financing plan and provide or attach evidence of site control.
2. **Pricing Form** – Submit up to two per project. Respondents may propose up to two pricing options per project; one that reflects ~~RA~~ the value of FCDS and one that ~~does not~~ is Energy Only. Pricing Forms must clearly indicate whether the bid is Energy Only or FCDS. Pricing must be TOD adjusted per the bid forms to be completed by Respondent.
3. **Interconnection Agreement, System Impact Study, a Phase I Interconnection Study, or Fast Track Documentation** – Submit a copy of the interconnection agreement, most recent study results or equivalent Fast Track documentation.
4. **Site Control Documentation** – Submit copies of site control documents demonstrating: a) direct ownership; b) a lease; or c) an option to lease or purchase upon PPA approval (must be an exclusive option to the Bidder that will last until the completion of the RFO cycle).
5. **Standard Form PPA** – Submit one per project. Respondents shall submit a completed PPA by filling in applicable placeholders with information relevant to the proposed project(s) and striking out optional provisions that do not apply to

~~the proposed project. Changes to terms and conditions will render the offer non-conforming and disqualify the project from further consideration.~~

The Project Description Form ~~and completed PPA~~ must be in Word or Word-compatible format (not in PDF). The Pricing Form must be in Excel or Excel-compatible format (not in PDF). ~~The System Impact study results or equivalent Fast Track documentation~~ The interconnection and site control documentation must be submitted in PDF format.

Uploading/Submitting Offers:

All offers must be ~~uploaded~~ emailed to the ~~the~~ RFO Website RAMSolicitation@semprautilities.com no later than 12:00 p.m. (i.e. Noon, local prevailing time), Pacific Standard Time, on the CLOSING DATE (see RFO Schedule). The Subject line of the email should be as follows: Bid Submission for SDG&E's 2012 Winter RAM RFO. A reply email from the RAM RFO inbox will be sent to the email address submitting the offer to confirm receipt of the offer. If Respondents encounter technical difficulties with ~~the uploading process~~ mailing, they should provide evidence of such difficulties (e.g. a screen shot of the error message) and email the bid ~~again~~ to the RAM RFO inbox by 1:00 p.m., ~~local prevailing time~~ Pacific Standard Time, on the Closing Date. If the Respondent encounters further technical difficulties with ~~both the uploading process and the RAM RFO inbox~~, they should provide evidence of such difficulties (e.g. a screen shot of the error message or a sent email notice with a time stamp before 1:00 p.m. on the Closing Date) and submit a hard copy **and a CD** of the bid package to SDG&E and the Independent Evaluator at the addresses below by close of business on the day following the Closing Date.

San Diego Gas & Electric Company
Electric and Fuel Procurement Department
Attn: RAM RFO Response
8315 Century Park Court, CP21D
San Diego, CA 92123-1593

Barbara Sands
PA Consulting Group
1700 Lincoln Street
Suite 4600
Denver, CO 80203

All offer materials submitted shall be subject to the confidentiality provisions of Section 9 Confidentiality of this RFO.

SDG&E will review and may utilize all information, if any, submitted by a Respondent that is not specifically requested as a part of any forms. During all stages of the RFO process, SDG&E reserves the right to request additional information from individual Respondents or to request any Respondent to submit supplemental materials in fulfillment of the content requirements of this RFO or to meet additional information needs. SDG&E also reserves the unilateral right to waive any technical or format requirements contained in the RFO.

Respondents offering the same projects to multiple solicitations or other contracting opportunities are hereby advised that if SDG&E notifies Respondent that their offer is selected as a winning bid, the Respondent must decide within 10 days whether to accept ~~theirs~~ standing as a winning bidder and immediately withdraw their offer from all other solicitations/contracting opportunities or risk being disqualified from continuing participation in the RAM program. Respondents shall confirm such withdrawal by submitting to SDG&E a copy of the written correspondence sent to all other solicitations/opportunities pertaining to such withdrawal while granting SDG&E permission to contact the other solicitors to confirm the withdrawal. ALL OFFERS SHALL BE VALID AND BINDING UPON THE RESPONDENT AFTER BEING SELECTED AS A WINNING BIDDER UNTIL CONTRACT EXECUTION.

SDG&E WILL NOT REIMBURSE RESPONDENTS FOR THEIR EXPENSES UNDER ANY CIRCUMSTANCES, REGARDLESS OF WHETHER THE RFO PROCESS PROCEEDS TO A SUCCESSFUL CONCLUSION OR IS ABANDONED BY SDG&E IN ITS SOLE DISCRETION.

5.0 EVALUATION CRITERIA

SDG&E will utilize all required forms and narratives, as provided pursuant to Section 4, to evaluate all offers. Respondents are responsible for the accuracy of all discussions, figures and calculations they submit. Errors discovered during evaluation may impact a Respondent's standing on the short-list.

Respondents must conform to minimum participation criteria and minimum resource criteria in order to be considered. Each Respondent will submit an offer for a single Product, selected from one of the three Product categories described in Table 1.

QUANTITATIVE EVALUATION

SDG&E uses a quantitative price measure, the Bid Ranking Price, to rank and select from the proposed projects. The Bid Ranking Price is comprised of the Levelized Contract Cost, as adjusted by the Time of Day Adjustment, the Transmission Network Upgrade Cost Adder and the Deliverability Adder. Elements of the Bid Ranking Price are described below.

A. LEVELIZED CONTRACT COST.

Bid Prices (provided by the Respondent in the Pricing Form) shall be for each MWh generated by the Project over the term of the PPA. The Levelized Contract Cost shall be computed as follows:

The Bid Cost for each year is computed by multiplying the Bid Price in that year by the Expected Energy Delivery for that year. Bid Costs are then summed for each year divided by the Discount Factor for the year, where the Discount Factor is equal to 1 plus the Discount Rate (SDG&E's regulated rate of return of 8.4%), raised to the power of the original Contract Year. These discounted Bid Costs are then summed to produce the present value of the Bid Cost.

The same present value method is then applied to the Expected Energy Deliveries to produce a present value of Expected Energy Deliveries. The Levelized Contract Cost is the present value of Bid Costs divided by the present value of Expected Energy Deliveries.

B. TIME -OF -DAY ADJUSTMENT

SDG&E accounts for differences in the value of various delivery profiles in its evaluation. This is done through the use of a Time-of-day ("TOD") Adjustment. This adjustment is for evaluation purposes and distinct from energy price that will be calculated in the PPA. Energy deliveries will be allocated to TOD Periods based upon the Respondent's Delivery Profile, as submitted with the offer, or calculated by SDG&E in accordance with reasonable industry practice. Bid Prices for each year are multiplied by the TOD Factors for each TOD Period to produce a TOD Price.

TOD Adjustment for FCDS Bids:

Bids submitted as fully deliverable projects will have their Bid Prices for each year multiplied by the TOD Factors that are adjusted for FCDS value ("FCDS TOD Factors²²") for each TOD Period to produce a FCDS TOD Price.

Note Regarding PPA Pricing for FCDS Bids: For purposes of determining the PPA price for FCDS projects, for years in which the project has not yet achieved FCDS, the FCDS TOD Price for each TOD period will be reduced by the Deliverability Value as calculated in Section 5.D below to reflect the fact that the project will not provide such value until it has achieved FCDS. Once the project achieves FCDS value, the Deliverability Value will be added back to the FCDS TOD Price.

TOD Adjustment for Energy Only Bids:

Bids submitted as energy-only projects will have their Bid Prices for each year multiplied by the Energy Only TOD Factors for each TOD Period to produce an Energy-Only TOD Price.

TOD Period	Period Days and Hours	FCDS Time-of-day Factor	Energy Only Time-of-day Factor
Winter On-Peak	Nov 1 - Jun 30 Weekdays 1 pm to 9 pm PST (HE 14 to HE 21)	1.089	1.192
Winter Semi-Peak	Nov 1 - Jun 30 Weekdays 6 am to 1 pm PST (HE 7 to HE 13) Weekdays 9 pm to 10 pm PST (HE 22)	0.947	1.078
Winter Off-Peak	Nov 1 - Jun 30 All Weekend Hours NERC Holiday Hours and Weekday Hours not already considered On-Peak or Semi-Peak	0.679	0.774
Summer On-Peak	Jul 1 - Oct 31 Weekdays 11 am to 7 pm PST (HE 12 to HE 19)	2.501	1.531
Summer Semi-Peak	Jul 1 - Oct 31 Weekdays 6 am to 11 am PST (HE 7 to HE 11) Weekdays 7 pm to 10 pm PST (HE 20 to HE 22)	1.342	1.181
Summer Off-Peak	Jul 1 - Oct 31 All Weekend Hours, NERC Holiday Hours and Weekday Hours not already considered On-Peak or Semi-Peak	0.801	0.900

C. TRANSMISSION NETWORK COST ADDER

SDG&E calculates the impact to ratepayers of any required transmission level network upgrade costs (other than deliverability network upgrade costs) that the CAISO indicates will be necessary pursuant to the most recent interconnection study results provided with the offer package.

Any interconnection costs, except for transmission level network upgrade costs, should be incorporated in the offer price. Transmission level network upgrade costs (other than deliverability network upgrade costs) from the relevant CAISO study will be divided by the project's total output in MWhs discounted by SDG&E's regulated rate of return of 8.4%. The resulting \$/MWh number will be added to the Levelized Contract Cost, as adjusted by the Time-of-Day Adjustment, to determine the Bid Ranking Price.

D. DELIVERABILITY VALUE AND DELIVERABILITY ADDER

SDG&E will use the following process to establish the value of achieving FCDS (“Deliverability Value”).

1. Determine Baseload MPR

SDG&E will determine the baseload MPR applicable to each project based on the project’s start date and contract term. SDG&E will use the most recent MPR value available in this evaluation process. 2011 MPR values can be found in CPUC Resolution E-4442 at http://docs.cpuc.ca.gov/WORD_PDF/FINAL_RESOLUTION/154753.PDF.

2. Establish Energy Only and FCDS Payment Streams Using MPR as Base Price

Step 1: SDG&E will establish the FCDS TOD adjusted payment streams for each year of the project’s term by multiplying the applicable MPR by the total MWhs to be delivered in each TOD Period by the applicable FCDS TOD Factor. For example:

$$\text{FCDS Payment Stream} = (\text{MPR}) \times (\text{Annual MWhs delivered in each TOD Period}) \times (\text{applicable FCDS TOD Factor})$$

Step 2: SDG&E will establish the Energy Only Payment Stream by multiplying the applicable MPR by the total MWhs to be delivered in each TOD Period by the applicable Energy Only TOD Factor. For example:

$$\text{Energy Only Payment Stream} = (\text{MPR}) \times (\text{Annual MWhs delivered in each TOD Period}) \times (\text{applicable Energy Only TOD Factor})$$

3. Establish Present Value of Energy Only and FCDS Payment Streams

Step 1: Determine the Total FCDS Payment Stream for the project by calculating the sum of the FCDS Payment Streams for each TOD Period for each year of the project’s term. Then calculate a present value of the total. For example:

$$\text{Total FCDS Payment Stream} = (\text{Year 1 FCDS Payment Stream}) + (\text{Year 2 FCDS Payment Stream}) + (\text{Year 3 Payment Stream}) + (\text{continue through project term})$$

$$\text{PV of Total FCDS Payment Stream} = (\text{Year 1 FCDS Payment Stream}) + (\text{Year 2 FCDS Payment Stream}) \text{ divided by } (1.084) + (\text{Year 3 FCDS Payment Stream}) \text{ divided by } (1.084^2) + (\text{continue through project term})$$

Step 2: Determine the Total Energy Only Payment Stream for the project by calculating the sum of the Energy Only Payment Streams for each TOD Period for each year of the project’s term. Then calculate a present value of the total. For example:

Total Energy Only Payment Stream = (Year 1 Energy Only Payment Stream) + (Year 2 Energy Only Payment Stream) + (Year 3 Energy Only Payment Stream) + (continue through project term)

PV of Total Energy Only Payment Stream =
 (Year 1 Energy Only Payment Stream) + (Year 2 Energy Only Payment Stream) divided by (1.084)
 + (Year 3 Energy Only Payment Stream) divided by (1.084²) + (continue through project term)

4. Establish FCDS Payment Premium for Each TOD Period

In order to determine the additional payments required for FCDS projects (“FCDS Payment Premium”), SDG&E will calculate the difference between the PV of Total FCDS Payment Stream and PV of Energy Only Payment Stream for each TOD Period. For example:

FCDS Payment Premium for Summer On Peak TOD Period = (PV of Total FCDS Payment Stream for Summer On Peak TOD Period) – (PV of Total Energy Only Payment Stream for Summer On Peak TOD Period). Repeat this step for each TOD Period.

Note: if the result of this calculation is less than zero, the FCDS Payment Premium for that TOD Period will be zero.

5. Establish Total FCDS Payment Premium

SDG&E will establish a Total FCDS Payment Premium by calculating the sum of the FCDS Payment Premiums for each TOD Period. For example:

Total FCDS Payment Premium = (Summer On Peak FCDS Payment Premium) + (Summer Semi-Peak FCDS Payment Premium) + (Summer Off Peak FCDS Payment Premium) + (Winter On Peak FCDS Payment Premium) + (Winter Semi-Peak FCDS Payment Premium) + (Winter Off Peak FCDS Payment Premium)

6. Establish Deliverability Value

SDG&E will use the following steps to calculate the Deliverability Value for each project based on the Total FCDS Payment Premium:

Step 1: Divide the Total FCDS Payment Premium by the PV of the total deliveries for the project over the term.

Deliverability Value = (Total FCDS Payment Premium) / (PV of total MWhs over project term)

Step 2: Adjust the Deliverability Value to account for whether the project will provide local or system RA. Projects bid as FCDS within SDG&E's local area will be assigned 100% of the Deliverability Value. Projects bid as FCDS outside of SDG&E's local area will be assigned a Deliverability Value at 60% of the Deliverability Value.

7. Establish Deliverability Adder Based on Deliverability Value

In order to determine the Bid Ranking Price for each project, SDG&E must adjust the Bid Price based on the Deliverability Value.

The table below indicates the type of Deliverability Adder that would be applied to various project types.

INTERCONNECTION TYPE	IN SDG&E AREA	IN CALIFORNIA ISO; OUTSIDE SDG&E AREA
FCDS	Deliverability Adder = 0	Deliverability Adder = 40% of Deliverability Value
ENERGY-ONLY	Deliverability Adder = 100% of Deliverability Value	Deliverability Adder = 60% of Deliverability Value

* A map of SDG&E's local area is provided in Section 11 below.

BID SELECTION PROCESS

Once SDG&E has established a Bid Ranking Price for each offer, it will chose the projects with the least expensive Bid Ranking Price within each product category in an effort to procure the capacity targeted for each product category.

SDG&E will distinguish between similarly priced bids by:

- a. Choosing a project owned by a DBE, as defined in Section 1 above; or
- b. if neither project is owned by a DBE, select projects from smallest to largest

BID CONFORMANCE EVALUATION

In addition to the quantitative elements described above, SDG&E may also reject an offer if:

1. SDG&E uncovers evidence of market manipulation in the auction process;
2. SDG&E determines the offer is not competitive with known market prices;
3. ~~a~~ A lack of bids, or a lack of suppliers, indicate that the market for a specific product is not sufficiently broad and diverse to constitute a competitive solicitation (e.g. the offer is the only offer made within the product category to which it is assigned, or the offer is provided by the same bidder or bidder parent entity as other offers within the product category to which it is assigned, and there are no other bidders or bidder parent entities making offers within the same product category);
4. SDG&E cannot confirm the projected deliveries;
5. ~~the~~ The Respondent does not provide adequate evidence it meets minimum participation criteria;
6. ~~there~~ There is a question as to whether or not the projects meet minimum resource criteria;
7. ~~acceptance~~ Acceptance of the offer would cause excessive reliance upon a single provider in the solicitation, or in SDG&E's overall renewable energy portfolio. (SDG&E shall provide any details of such seller concentration limit in the Tier 2 advice letter containing the executed contracts);
8. ~~the~~ The Respondent cannot fulfill the terms and conditions of the RAM PPA; and/or,
9. ~~the~~ The Respondent is unable to comply with RFO timing and other solicitation requirements.

6.0 RFO SCHEDULE

The following schedule and deadlines apply to this RFO. SDG&E reserves the right to revise this schedule at anytime and in SDG&E's sole discretion. Respondents are responsible for monitoring the RFO Website for updated schedules and possible amendments to the RFO or the solicitation process.

NO	ITEM	DATE
1.	RFO Issued	May 1, <u>November 19,</u> 2012
2.	Pre-Bidder's Conference	May 7, <u>November 28,</u> 2012
3.	SDG&E begins accepting bids	May 15, <u>December 3,</u> 2012
4.	DEADLINE TO SUBMIT QUESTIONS Question submittal cut-off date. Answers to all questions will be posted on the SDG&E's website no later than 5/12/23/11/2012, 12.	May 18, <u>December 6,</u> 2012
5.	DEADLINE TO REGISTER Those intending to bid must register to receive a username/password in order to upload electronic offers.	May 25, 2012
6.	DEADLINE TO SUBMIT RAM OFFERS/CLOSING DATE: Offers must be uploaded to and received by the RFO Website via email at RAMSolicitation@semprautilities.com no later than NOON (local prevailing time) Pacific Standard Time	May 31, <u>December 21,</u> 2012
7.	NOTIFICATION TO WINNING BIDDERS	August 16, 2012 <u>March 1,</u> 2013
8.	BIDDERS ACCEPTANCE/WITHDRAWAL Letter <u>LETTER</u> due from Winning Bidders indicating: a) a- Withdrawal from SDG&E's solicitation; OR b) b- Acceptance of standing as a winning bid; withdrawal of <u>from</u> participating in any other solicitation and evidence of withdrawal notice to all other solicitors	August 27, 2012 <u>March</u> <u>11,</u> 2013
9.	SDG&E issues appreciation notices to unsuccessful Respondents	September 27, 2012 <u>April 12,</u> 2013
10.	Execute PPAs for targeted 455 <u>2</u> MW	September 27, 2012 <u>April 12,</u> 2013
11.	SDG&E Submits <u>submits</u> Tier 2 Advice letter <u>Letter</u> with PPAs to CPUC for approval	November 9, 2012 <u>May</u> <u>17,</u> 2013
12.	Anticipated CPUC approval (prior to any appeal and/or suspension)	December 10, 2012 <u>June</u> <u>17,</u> 2013

PRE -BID CONFERENCE

SDG&E will host one pre-bid conference on ~~May 7,~~ November 28, 2012 from 1:00 PM to 5:00 PM via WebEx. Participation in the pre-bid conference is NOT mandatory in order to submit an offer. Please monitor the RFO Website periodically. ~~The venue will be posted as soon as arrangements are finalized~~ for updates and participation instructions.

Any party interested in attending this pre-bid conference should email the following information to RAMSolicitation@semprautilities.com.

- Company name
- Attendees' names, titles and contact information

7.0 RFO WEBSITE AND COMMUNICATION

The RFO and all subsequent revisions and documents are available for download from the RFO Website. Potential Respondents are responsible for monitoring the RFO Website for subsequent updates, notices and postings.

The RFO website contains RFO forms and documents, RFO Schedule, and a Question and Answer forum. ~~Those intending to bid must register first to receive a username/password prior to uploading electronic offers. See registration instructions on the website and in Section 4 above. The DEADLINE TO REGISTER is indicated in Section 6 – “RFO Schedule”.~~

All questions or other communications regarding this RFO must be submitted via email to RAMSolicitation@semprautilities.com by the DEADLINE TO SUBMIT QUESTIONS as specified in Section 6 RFO Schedule. SDG&E will not accept questions or comments in any other form.

RFO WEBSITE

<http://sdge.com/procurement/Nov2012-renewable-auction-mechanism>

EMAIL QUESTIONS/COMMENTS TO
RAMSolicitation@semprautilities.com

8.0 REJECTION OF OFFERS

SDG&E SHALL TREAT ALL RESPONDENTS FAIRLY AND EQUALLY AND SHALL EVALUATE ALL OFFERS IN GOOD FAITH. ~~WHILE SDG&E IS MINDFUL OF THE BENEFITS OF RENEWABLE ENERGY AND IS VIGOROUSLY PURSUING THE GOALS OF THE RAM PROGRAM, IF SDG&E~~ MAKES NO GUARANTEE THAT A CONTRACT AWARD SHALL RESULT FROM THIS RFO EVEN AFTER AN OFFER HAS BEEN SELECTED AS A WINNING BID. SDG&E RESERVES THE RIGHT AT ANY TIME, AT ITS SOLE DISCRETION, TO ABANDON THIS RFO PROCESS, TO CHANGE THE BASIS FOR EVALUATION OF OFFERS, TO TERMINATE FURTHER PARTICIPATION IN THIS PROCESS BY ANY PARTY, TO ACCEPT ANY OFFER OR TO ENTER INTO ANY DEFINITIVE AGREEMENT, TO EVALUATE THE QUALIFICATIONS OF ANY RESPONDENT OR THE TERMS AND CONDITIONS OF ANY OFFER, OR TO REJECT ANY OR ALL OFFERS, ALL WITHOUT NOTICE AND WITHOUT ASSIGNING ANY REASONS AND WITHOUT LIABILITY OF SEMPRA ENERGY, SDG&E, OR ANY OF THEIR SUBSIDIARIES, AFFILIATES, OR REPRESENTATIVES TO ANY RESPONDENT. SDG&E SHALL HAVE NO OBLIGATION TO CONSIDER ANY OFFER.

9.0 CONFIDENTIALITY

EXCEPT WITH THE PRIOR WRITTEN CONSENT OF SDG&E, RESPONDENTS MAY NOT DISCLOSE (OTHER THAN BY ATTENDANCE ALONE AT ANY MEETING TO WHICH MORE THAN ONE RESPONDENT IS INVITED BY SDG&E) TO ANY OTHER RESPONDENT OR POTENTIAL RESPONDENT THEIR PARTICIPATION IN THIS RFO, AND RESPONDENTS MAY NOT DISCLOSE, COLLABORATE ON, OR DISCUSS WITH ANY OTHER RESPONDENT, OFFER STRATEGIES OR THE SUBSTANCE OF OFFERS, INCLUDING WITHOUT LIMITATION THE PRICE OR ANY OTHER TERMS OR CONDITIONS OF ANY INDICATIVE OR FINAL OFFER.

SDG&E WILL USE THE HIGHER OF THE SAME STANDARD OF CARE IT USES WITH RESPECT TO ITS OWN PROPRIETARY OR CONFIDENTIAL INFORMATION OR A REASONABLE STANDARD OF CARE TO PREVENT DISCLOSURE OR UNAUTHORIZED USE OF RESPONDENT'S CONFIDENTIAL AND PROPRIETARY INFORMATION THAT IS LABELED AS "PROPRIETARY AND CONFIDENTIAL" ON THE OFFER PAGE ON WHICH THE PROPRIETARY INFORMATION APPEARS ("CONFIDENTIAL INFORMATION"). RESPONDENT SHALL SUMMARIZE ELEMENTS OF THE OFFER(S) IT DEEMS CONFIDENTIAL. CONFIDENTIAL INFORMATION MAY BE MADE AVAILABLE ON A "NEED TO KNOW" BASIS TO SDG&E'S DIRECTORS, OFFICERS, EMPLOYEES, CONTRACTORS, CONSULTANTS, THE INDEPENDENT EVALUATOR, AGENTS AND ADVISORS ("REPRESENTATIVES") FOR THE PURPOSE OF EVALUATING RESPONDENT'S OFFER, BUT SUCH REPRESENTATIVES SHALL BE REQUIRED TO OBSERVE THE SAME CARE WITH RESPECT TO DISCLOSURE AS SDG&E.

NOTWITHSTANDING THE FOREGOING, EACH RAM PARTICIPANT ACKNOWLEDGES AND EXPRESSLY AUTHORIZES SDG&E TO PUBLICLY DISCLOSE THE FOLLOWING INFORMATION IN THE ADVICE LETTER ~~APPROVING~~SEEKING APPROVAL OF RAM PPAs, AS REQUIRED BY THE CPUC: (1) NAMES OF THE COMPANIES THAT SUBMITTED OFFERS INTO SDG&E'S RAM RFO; (2) NUMBER OF OFFERS RECEIVED BY EACH COMPANY; (3) NUMBER OF OFFERS RECEIVED AND SELECTED AS WINNING BIDS BY SDG&E; (4) PROJECT SIZE; (5) PARTICIPATING TECHNOLOGIES; (6) THE NUMBER OF PROJECTS ~~WHICH~~THAT PASSED THE PROJECT VIABILITY SCREEN; (7) LOCATION OF BIDS BY COUNTY LEVEL SHOWN IN A MAP FORMAT; AND (8) THE PROGRESSION OF EACH EXECUTED CONTRACT'S PROJECT DEVELOPMENT MILESTONES. SDG&E MAY DISCLOSE ANY OF THE CONFIDENTIAL INFORMATION TO COMPLY WITH ANY LAW, RULE, OR REGULATION OR ANY ORDER, DECREE, SUBPOENA OR RULING OR OTHER SIMILAR PROCESS OF ANY COURT, SECURITIES EXCHANGE, CONTROL A REA OPERATOR, GOVERNMENTAL AGENCY OR GOVERNMENTAL OR REGULATORY AUTHORITY AT ANY TIME EVEN IN THE ABSENCE OF A PROTECTIVE ORDER, CONFIDENTIALITY AGREEMENT OR NON-DISCLOSURE AGREEMENT, AS THE CASE

MAY BE, WITHOUT NOTIFICATION TO THE RESPONDENT AND WITHOUT LIABILITY OR ANY RESPONSIBILITY OF SDG&E TO THE RESPONDENT.

~~IT IS EXPRESSLY CONTEMPLATED THAT MATERIALS SUBMITTED BY A RESPONDENT IN CONNECTION WITH THIS RFO WILL BE PROVIDED TO THE CPUC, ITS STAFF, THE CEC, ITS STAFF, AND THE PRG AND/OR SDG&E'S PROCUREMENT REVIEW GROUP (PRG). SDG&E WILL SEEK REQUEST CONFIDENTIAL TREATMENT PURSUANT TO PUBLIC UTILITIES CODE SECTION 583 AND GENERAL ORDER 66-C OF THE CPUC, WITH RESPECT TO ANY RESPONDENT APPLICABLE LAW, OF ANY CONFIDENTIAL INFORMATION PROVIDED TO SDG&E BY RESPONDENT IN CONNECTION WITH THE RFO AND SUBMITTED BY SDG&E TO THE CPUC AND/OR CEC FOR THE PURPOSES OF OBTAINING REGULATORY APPROVAL. SDG&E WILL ALSO SEEK CONFIDENTIALITY PROTECTION FROM THE CEC FOR RESPONDENT'S CONFIDENTIAL INFORMATION AND WILL SEEK CONFIDENTIALITY AND/OR NON-DISCLOSURE AGREEMENTS PROVIDE SUCH INFORMATION TO ITS PRG SUBJECT TO THE TERMS OF ITS NON-DISCLOSURE AGREEMENT WITH THE ITS PRG. SDG&E CANNOT, HOWEVER, ENSURE THAT THE CPUC OR CEC WILL AFFORD CONFIDENTIAL TREATMENT TO A RESPONDENT'S CONFIDENTIAL INFORMATION OR THAT CONFIDENTIALITY AGREEMENTS OR ORDERS WILL BE OBTAINED FROM AND/OR HONORED BY THE PRG, CEC, OR CPUC MEMBERS OF ITS PRG WILL COMPLY WITH THE TERMS OF THE APPLICABLE NON-DISCLOSURE AGREEMENT.~~

SDG&E, ITS REPRESENTATIVES, SEMPRA ENERGY, AND ANY OF THEIR SUBSIDIARIES DISCLAIM ANY AND ALL LIABILITY TO A RESPONDENT FOR DAMAGES OF ANY KIND RESULTING FROM DISCLOSURE OF ANY OF RESPONDENT'S CONFIDENTIAL INFORMATION.

10.0 RPS PROGRAM PARAMETERS

CALIFORNIA RPS PROGRAM

California's Renewable Portfolio Standard (RPS) Program was adopted in 2002 and is codified at Public Utility Code section 399.11, ~~et seq.~~⁶ In adopting the RPS legislation, the Legislature specifically found and declared that increasing California's reliance on renewable energy resources promotes the purpose of and may accomplish each of the following: This RAM Program supplements the RPS Program goals to:

- Increase the diversity, reliability, public health and environmental benefits of the energy mix
- Promote stable electricity prices
- Protect public health and improve environmental quality
- Stimulate sustainable economic development and create new employment opportunities
- Reduce reliance on imported fuels
- Ameliorate air quality problems
- Improve public health by reducing the burning of fossil fuels

Current law requires Investor Owned Utilities (~~IOUs~~^{IOUs}) to serve ~~20~~³³% of its retail sales load with RPS-eligible renewable energy. ~~The CPUC issued its first decision implementing the RPS Program, D.03-06-071 on June 19, 2003. This decision established certain basic RPS Program parameters. The CPUC has subsequently issued several additional RPS-related decisions in rulemaking proceeding R.04-04-026, and successor proceedings R.06-02-012, R.06-05-027 and R.08-08-009, and is currently working toward implementation of SB 2 (1X), which would increase the RPS procurement target to 33% by 2020. SDG&E will comply with all CPUC decisions governing RPS procurement. These decisions are publicly available on the CPUC's website at <http://www.cpuc.ca.gov/PUC/energy/Renewables/decisions.htm>.~~

This RFO is being conducted in compliance with ~~the RAM Decision and all~~ relevant statutory and regulatory directives, ~~D.10-12-048 and Resolution E-4414.~~ Requirements set forth within the law and all directives shall be incorporated herein by reference. A full text of the law and relevant CPUC decisions can be downloaded from the CPUC website. Respondents are encouraged to review all RPS ~~and RAM~~-related, CPUC issued directives available on the same Internet website and are responsible for understanding and abiding by all RPS ~~and RAM~~ provisions.

RPS ELIGIBILITY CRITERIA

Respondents successfully signing agreements with SDG&E must warrant that the resources being offered in response to this solicitation are certifiable as an "eligible renewable resource" by the California Energy Commission (CEC). Eligibility criteria are set forth by the CEC in its Renewable Portfolio Standard Eligibility Guidebook. The CEC guidebook can be downloaded from the following internet website: <http://www.energy.ca.gov/renewables/documents/index.html>.

⁶ ~~See~~, Senate Bill (SB) 1078 (Stats. 2002 Ch. 516), as amended by SB 107, (Stats. 2006, Ch. 464).

Respondents are encouraged to review all RPS-related, CEC issued directives available on the same Internet website and are responsible for understanding and abiding by all RPS provisions. All requirements set forth within the CEC's guidebooks and all RPS-related documents shall be incorporated herein by reference.

Respondents are encouraged, although not required, to apply for pre-certification from the CEC in advance of submitting an offer. Pre-certification forms are available from the above-entitled guidebook. An excerpt of the eligibility requirements is provided at the end of this section.

PROCUREMENT REVIEW GROUP

The Procurement Review Group (PRG), a CPUC-endorsed entity, is composed of non-market participants such as ratepayers' advocacy groups, state energy and water commissions, power authorities, utility-related labor unions and other non-commercial, energy-related special interest groups. CPUC Decision D.03-06-071 established the role of the PRG in the RPS Program. The PRG is charged with overseeing the IOU's procurement process, reviewing procedural fairness, examining overall procurement prudence and providing feedback during all stages. From RFO language development to offer evaluation to contract negotiation, IOU's brief the PRG on a periodic basis during the entire process.

Respondents are hereby notified that revealing confidential offer information to the PRG is required during PRG briefings in accordance with Section 9 ("Confidentiality"). Each Respondent must clearly identify, as part of its offer, what type of information it considers to be confidential.

INDEPENDENT EVALUATOR

The CPUC requires each IOU to use an IE to evaluate and report on the IOU's entire solicitation, evaluation, and selection process. The IE will review SDG&E's implementation of the RFO process and final selections. The IE also makes periodic presentations regarding its findings to the IOU, and the IOU's PRG including the CPUC Energy Division staff. The intent is to preserve the independence of the IE by ensuring free and unfettered communication between the IE and the CPUC as well as an open, fair, and transparent process that the IE can affirm.

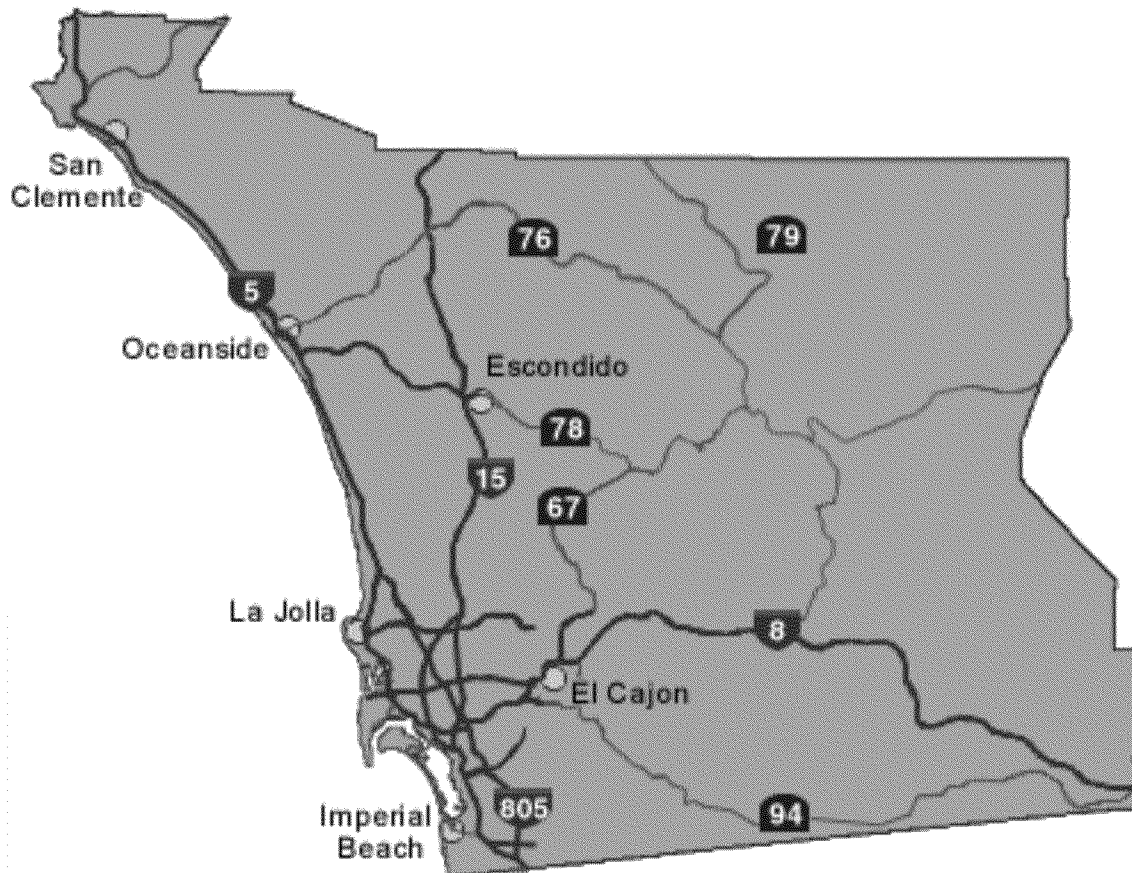
SDG&E is committed to ensuring an open and transparent solicitation, and to providing a fair, reasonable and competitive process.

11.0 SDG&E BACKGROUND

SDG&E provides electric service to approximately 1.3 million customers in San Diego County and the southern portion of Orange County. SDG&E also provides natural gas service to approximately 775,000 gas customers. The electric customer base comprises 89% residential and 11% commercial and industrial customers.

SDG&E's electric transmission network is comprised of 130 substations with 884 miles of 69 kV, 265 miles of 138 kV, 349 miles of 230 kV, and 215 miles of 500 kV transmission lines. Local ("on system") generating resources include the Encina plant (connected into SDG&E's grid at 138 kV and 230 kV), the Palomar Energy Center (connected at 230kV) and a number of combustion turbine facilities located around the service area (connected at 69 kV). Imported resources are received via the Miguel Substation as the delivery point for power flow on the Southwest Power Link (SWPL), which is SDG&E's 500 kV transmission line that runs from Arizona to San Diego along the U.S./Mexico border, and via the SONGS 230 kV switchyard.

The figure below shows a simplified diagram of existing SDG&E's service area, which encompasses an area of 4,100 square-miles and spans 2 counties and 25 communities.



San Diego Gas & Electric Advice Letter 2421-E
November 15, 2012

ATTACHMENT F

REDLINE OF RAM PPA
(SHOWS CHANGES MADE TO THE RAM 2 PPA)



A  Sempra Energy utility[®]

RAM PROGRAM
ADVICE LETTER 23492421-E

ATTACHMENT B
MAYNOVEMBER 2012
RAM POWER PURCHASE AGREEMENT

RAM POWER PURCHASE AGREEMENT

Between

SAN DIEGO GAS & ELECTRIC COMPANY
(as “Buyer”)

and

(as “Seller”)

POWER PURCHASE AGREEMENT

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COVER SHEET

This RAM Power Purchase Agreement is made as of the following date: [_____]. This Power Purchase Agreement and all exhibits, schedules, appendices, and any written supplements hereto, any designated collateral, credit support or margin agreement or similar arrangement between the Parties as well as all written and signed amendments and modifications thereto shall be a part of, and shall be referred to as, the "Agreement." The Parties to this Agreement (hereinafter individually a "Party" and collectively the "Parties") are the following:

Name: _____ ("Seller")
All Notices:
Street: _____
City: _____ Zip: _____
Attn: Contract Administration
Phone: _____
Facsimile: _____
Duns: _____
Federal Tax ID Number: _____

Invoices:

Attn: _____
Phone: _____
Facsimile: _____

Scheduling:

Attn: _____
Phone: _____
Facsimile: _____

Payments:

Attn: _____
Phone: _____
Facsimile: _____

Wire Transfer:

BNK: _____
ABA: _____
ACCT: _____
FAX: _____

Credit and Collections:

Attn: _____
Phone: _____
Facsimile: _____

Name: San Diego Gas & Electric Company ("Buyer")
All Notices:
Street: 8315 Century Park Court
City: San Diego, CA Zip: 92123
Attn: Electric & Fuel Procurement - Contract Administration
Phone: (858) 650-6176
Facsimile: (858) 650-6190
Duns: 006911457
Federal Tax ID Number: 95-1184800

Invoices:

San Diego Gas & Electric Company
8315 Century Park Ct.
San Diego, California 92123-1593
Attn: Energy Accounting Manager
Phone: (858) 650-6177
Facsimile: (858) 650-6190

Scheduling:

San Diego Gas & Electric Company
8315 Century Park Ct.
San Diego, California 92123-1593
Attn: Transaction Scheduling Manager
Phone: (858) 650-6160
Facsimile: (858) 650-6191

Payments:

San Diego Gas & Electric Company
PO Box 25110
Santa Ana, CA 92799-5110
Attn: Mail Payments
Phone: (619) 696-4521
Facsimile: (619) 696-4899

Wire Transfer:

BNK: Union Bank of California
for: San Diego Gas & Electric Company
ABA: Routing # 122000496
ACCT: #4430000352
FAX: (213) 244-8316

Credit and Collections:

San Diego Gas & Electric Company, Major Markets
555 W. Fifth Street, ML ~~10E18A3~~
Los Angeles, CA 90013-1011
Attn.: Major Markets, Credit and Collections Manager
Fax No.: (213) 244-8316
Phone: (213) 244-4343

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

Attn:

Phone: _____

Facsimile:

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

San Diego Gas & Electric Company

8330 Century Park Ct.

San Diego, California 92123

Attn: General Counsel

Phone: (858) 650-6141

Facsimile: (858) 650-6106

GENERAL TERMS AND CONDITIONS

ARTICLE ONE: GENERAL DEFINITIONS

1.1 General. The following terms shall have the following meaning for purposes of this Agreement.

“AAA” means the American Arbitration Association.

“Affiliate” means, with respect to any person, any other person (other than an individual) that, directly or indirectly, through one or more intermediaries, controls, or is controlled by , or is under common control with, such person. For this purpose, “control” means the direct or indirect ownership of fifty percent (50%) or more of the outstanding capital stock or other equity interests having ordinary voting power.

~~“Aggregated Project” means two or more facilities located on one or more contiguous or non-contiguous sites, each of which individual facilities is composed of units that are under common ownership of the Seller, employ the same technology and produce the same type of Product, and each of which has a nameplate capacity of no less than 500 kW, provided that all the facilities comprising the Aggregated Project share a single resource ID (that is, are deemed to deliver to the same PNode).~~

“Agreement” has the meaning set forth in the preamble to the Cover Sheet.

“Arbitration” has the meaning set forth in Section 12.3.

“As-Available” means a Product for which, subject to the terms of this Agreement, Seller is excused from selling and delivering the Product to Buyer, and Seller shall not be liable to Buyer for any damages determined pursuant to Section 3.1(h) of the Agreement, in the event that Seller fails to deliver the Product to Buyer for any of the following reasons:

- (a) if the Project is unavailable as a result of a Forced Outage and such Forced Outage is not the result of Seller’s negligence or willful misconduct;
- (b) Force Majeure;
- (c) by the Buyer’s failure to perform;
- (d) by a Planned Outage of the Project;
- (e) a reduction in output as ordered under Dispatch Down Periods; or
- (f) [the unavailability of landfill gas which was not anticipated as of the Execution Date, which is not within the reasonable control of, or the result of negligence of, Seller or the party supplying such landfill gas to the Project, and which by the exercise of reasonable due diligence, Seller is unable to overcome or avoid or causes to be avoided.] OR [insufficient wind power for the Project to generate energy as determined by the best

wind speed and direction standards utilized by other wind producers or purchasers in the vicinity of the Project or if wind speeds exceed the Project's technical specifications.] OR [the unavailability of water or the unavailability of sufficient pressure required for operation of the hydroelectric turbine-generator as reasonably determined by Seller within its operating procedures, neither of which was anticipated as of the Execution Date, which is not within the reasonable control of, or the result of negligence of, Seller or the party supplying such water to the Project, and which by the exercise of due diligence, such Seller or the party supplying the water is unable to overcome or avoid or causes to be avoided.] OR [insufficient solar power for the Project to generate energy as determined by the best solar standards utilized by other solar producers or purchasers in the vicinity of the Project.]

“Availability Incentive Payments” shall mean Availability Incentive Payments as defined in FERC filing ER09-1064 or such other similar term as modified and approved by FERC thereafter to be incorporated in the CAISO Tariff or otherwise applicable to CAISO.

“Availability Standards” shall mean Availability Standards as defined in FERC filing ER09-1064 or such other similar term as modified and approved by FERC thereafter to be incorporated in the CAISO Tariff or otherwise applicable to CAISO.

“Bankrupt” means with respect to any entity, such entity that (a) files a petition or otherwise commences, authorizes or acquiesces in the commencement of a proceeding or cause of action under any bankruptcy, insolvency, reorganization or similar Law, (b) has any such petition filed or commenced against it which remains unstayed or undismissed for a period of sixty (60) days, (c) makes an assignment or any general arrangement for the benefit of creditors, (d) otherwise becomes bankrupt or insolvent (however evidenced), (e) has a liquidator, administrator, receiver, trustee, conservator or similar official appointed with respect to it or any substantial portion of its property or assets, or (f) is generally unable to pay its debts as they fall due.

“Business Day” means any day except a Saturday, Sunday, or a Federal Reserve Bank holiday and shall be between the hours of 8:00 a.m. and 5:00 p.m. local time for the relevant Party's principal place of business where the relevant Party, in each instance unless otherwise specified, shall be the Party from whom the Notice, payment or delivery is being sent and by whom the Notice or payment or delivery is to be received.

“Buyer” has the meaning set forth on the Cover Sheet.

“CAISO” means the California Independent System Operator Corporation or any successor entity performing similar functions.

[When SDG&E is the SC for the Project: “CAISO Charges Invoice” has the meaning set forth in Section 3.3([a/b])(iv).]

“CAISO Grid” means the system of transmission lines and associated facilities of the Participating Transmission Owners that have been placed under the CAISO's operational control.

“CAISO Tariff” means the CAISO Operating Agreement and Tariff, including the rules, protocols, procedures and standards attached thereto, as the same may be amended or modified from time-to-time and approved by FERC.

“California Renewables Portfolio Standard” means the Renewables Portfolio Standard of California under California Senate Bills 1078 and 107, as codified in California Public Utilities Code Sections 387, 390.1, and 399.25 and Article 16 (commencing with Section 399.11) of Chapter 2.3 of Part 1 of Division 1, as such provisions are amended or supplemented from time to time.

[For FCDS bids: “Capacity Attributes” means any current or future defined characteristic, certificate, tag, credit, or ancillary service attribute, whether general in nature or specific as to the location or any other attribute of the Project intended to value any aspect of the capacity of the Project to produce Energy or ancillary services, including but not limited to any accounting construct so that the Contract Capacity of the Project may be counted toward a Resource Adequacy obligation or similar measure in respect to the capacity of the Project to generate Energy by the CPUC, the CAISO, the FERC, or any other entity vested with the authority under federal or state Law, to require Buyer to procure, or to procure at Buyer’s expense, Resource Adequacy or other similar products.]

“CEC” means the California Energy Commission or its successor agency.

“CEC Certification and Verification” means that the CEC has certified (or, with respect to periods before the Project has been constructed, that the CEC has pre-certified) that the Project is an ERR for purposes of the California Renewables Portfolio Standard and that all Energy produced by the Project qualifies as generation from an ERR for purposes of the Agreement.

“Claims” has the meaning set forth in Section 11.2(a).

[Delete and replace with “Reserved” for existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement: “Commercial Operation” means that (a) the Project is operating and able to produce and deliver Energy to Buyer pursuant to the terms of this Agreement; (b) Seller shall have satisfied the requirements set forth in the Commercial Operation Certificate in the form attached as Exhibit C; (c) Seller shall have delivered true, correct, and complete Commercial Operation Certificates from Seller, the TurbineRenewable Generation Equipment Supplier, the EPC Contractor, and a Licensed Professional Engineer; (d) Seller shall have delivered to Buyer the Delivery Term Security required under Article 8; (e) Seller has received all local, state and federal Governmental Approvals and other approvals as may be required by Law for the construction, operation and maintenance of the Project, including approvals, if any, required under the California Environmental Quality Act for the Project and related interconnection facilities;]

“Commercial Operation Date” means the date on which Seller achieves Commercial Operation for the Project. *[For existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement, delete and insert: “Commercial Operation Date” means the later of (a) thirty (30) days after the CP Satisfaction Date or (b) [insert date].”]*

“Condition Precedent” has the meaning set forth in Section 2.3.

“Contract Capacity” has the meaning set forth in Section 3.1(f).

[When Seller is SC for the Project or when Buyer is SC but Project is not PIRP eligible (PIRP eligible projects are wind and solar projects): “Contract Energy” means the lower of Delivered Energy or Scheduled Energy for any given period in each case net of all Electrical Losses.]

“Contract Quantity” has the meaning set forth in Section 3.1(e).

“Contract Year” means a period of twelve (12) consecutive months (except in the case of the first Contract Year which may be longer) with the first Contract Year commencing on the Commercial Operation Date and each subsequent Contract Year commencing on the anniversary of the first day of the month following the Commercial Operation Date.

“Costs” means, with respect to the Non-Defaulting Party, brokerage fees, commissions and other similar third party transaction costs and expenses reasonably incurred by such Party either in terminating any arrangement pursuant to which it has hedged its obligations or entering into new arrangements which replace a Terminated Transaction; and all reasonable attorneys’ fees and expenses incurred by the Non-Defaulting Party in connection with such Terminated Transaction.

“Cover Sheet” means the document that precedes Article 1: General Definitions to this Agreement.

“CP Satisfaction Date” shall mean the date on which the Condition Precedent has been satisfied (or waived in writing by the Party described in Section 2.4).

“CPUC” or “Commission or successor entity” means the California Public Utilities Commission, or successor entity.

“CPUC Approval” means a final and non-appealable order of the CPUC, without conditions or modifications unacceptable to the Parties, or either of them, which contains the following terms:

(a) approves this Agreement in its entirety, including payments to be made by the Buyer, subject to CPUC review of the Buyer’s administration of the Agreement; and

(b) finds that any procurement pursuant to this Agreement is procurement from an eligible renewable energy resource for purposes of determining Buyer’s compliance with any obligation that it may have to procure eligible renewable energy resources pursuant to the California Renewables Portfolio Standard (Public Utilities Code Section 399.11 *et seq.*), Decision 03-06-071, or other applicable Law.

CPUC Approval will be deemed to have occurred on the date that a CPUC decision containing such findings becomes final and non-appealable.

“Credit Rating” means, with respect to any entity, the rating then assigned to such entity’s unsecured, senior long-term debt obligations (not supported by third party credit enhancements) by S&P or Moody’s.

“Day-Ahead Forecast” has the meaning set forth in Section 3.3([d/e]).

“Defaulting Party” means the Party that is subject to an Event of Default.

“Default Rate” means for any date, the lesser of (a) the per annum rate of interest equal to the prime lending rate as may from time to time be published in *The Wall Street Journal* under “Money Rates” on such day (or if not published on such day on the most recent preceding day on which published), plus two percent (2%) and (b) the maximum rate permitted by applicable Law.

“Deliverability Value” means the amount stated in Section 4.1(c).

“Delivered Energy” means all Energy produced from the Project and delivered to Buyer at the Delivery Point as measured in MWh at the CAISO revenue meter of the Project based on a power factor of precisely one (1) and net of all Electrical Losses.

“Delivery Point” means the point at which Buyer receives Seller’s Product, as set forth in Section 3.1(d).

“Delivery Term” has the meaning set forth in Section 3.1(c).

“Delivery Term Security” shall mean the Performance Assurance that Seller is required to maintain during the period and as otherwise specified in Section 8.4(a)(iii) to secure performance of its obligations hereunder.

“Development Period Security” shall mean the Performance Assurance that Seller is required to maintain during the period and as otherwise specified in Section 8.4(a)(i) to secure performance of its obligations hereunder.

“Disclosing Party” has the meaning set forth in Section 13.1(a).

“Disclosure Order” has the meaning set forth in Section 13.1(a).

“Dispatch Down Period” means the period of curtailment of delivery of Product from the Project resulting from (a) curtailment ordered by the CAISO (whether directly or through the Scheduling Coordinator or the Participating Transmission Owner), for any reason, including, but not limited to, any system emergency as defined in the CAISO Tariff (“System Emergency”), any warning of an anticipated System Emergency, or any warning of an imminent condition or situation which could jeopardize the CAISO’s or Participating Transmission Owner’s electric system integrity or the integrity of other systems to which the CAISO or Participating Transmission Owner is connected; (b) curtailment ordered by the Participating Transmission Owner or distribution operator (if interconnected to distribution or sub-transmission system) for reasons including, but not limited to, (i) any situation that affects normal function of the electric system including, but not limited to, any abnormal condition that requires action to prevent circumstances such as equipment damage, loss of load, or abnormal voltage conditions, (ii) any warning, forecast or anticipation of conditions or situations that jeopardize the Participating Transmission Owner’s electric system integrity or the integrity of other systems to which the Participating Transmission Owner is connected; (c) curtailment ordered by the Participating Transmission Owner or distribution operator (if interconnected to distribution or sub-transmission

system) as a result of scheduled or unscheduled maintenance or construction on the Participating Transmission Owner's transmission facilities or distribution operator's facilities (if interconnected to distribution or sub-transmission system) that prevents the delivery or receipt of Delivered Energy to or at the Delivery Point, or (d) curtailment in accordance with Seller's obligations under its interconnection agreement with the Participating Transmission Owner or distribution operator; ***[When SDG&E is the SC:*** provided, however, Dispatch Down Periods shall not include periods of curtailment of delivery of Product from the Project resulting from economic curtailment where Buyer (as the Scheduling Coordinator) submits an economic bid in the applicable CAISO market that results in an otherwise available Product not being scheduled or awarded in such CAISO market].

"Distribution Upgrades" has the meaning set forth in the CAISO Tariff.

"DUNS" means the Data Universal Numbering System, which is a unique nine character identification number provided by Dun and Bradstreet.

"Early Termination Date" has the meaning set forth in Section 5.2.

"Electrical Losses" means all electrical losses associated with the transmission of Product to the Delivery Point, including if applicable, but not limited to, any transmission or transformation losses between the CAISO revenue meter and the Delivery Point.

"Electrical Interconnection Upgrades" means the facilities that allow Seller to interconnect and deliver Energy from the Project to and at the Delivery Point and Buyer to transmit Energy from the Delivery Point and the facilities that protect the Participating Transmission Owner's, Transmission Provider's, or distribution operator's, as applicable, electric system (or other systems to which such electric systems are connected, including the CAISO Grid) and the Participating Transmission Owner's, Transmission Provider's, or distribution operator's, as applicable, customers from faults occurring at the Project, including, but not limited to, all network, distribution, connection, transformation, switching, metering, communications, control, and safety equipment, as such equipment may be required pursuant to Good Industry Practices or in accordance with the Participating Transmission Owner's, Transmission Provider's, or distribution operator's, as applicable, facility connection requirements. Such Electrical Interconnection Upgrades include all Network Upgrades, Distribution Upgrades, and Interconnection Facilities that are determined to be necessary by the CAISO or Participating Transmission Owner, as applicable, to physically and electrically interconnect the Project to the Participating Transmission Owner's electric system so as to allow Seller to deliver Energy from the Project to the Delivery Point and Buyer to be able to transmit Energy from the Delivery Point.

"Eligible Renewable Energy Resource" or "ERR" has the meaning set forth in California Public Utilities Code Section 399.11, *et seq.*, as amended or supplemented from time to time.

"Energy" means electric energy measured in MWh and net of Station Service (unless otherwise specified).

"Energy Price" has the meaning set forth in Section 4.~~[1/2]~~4.1(a).

“EPC Contract” means the Seller’s engineering, procurement and construction contract with the EPC Contractor.

“EPC Contractor” means an engineering, procurement, and construction contractor, selected by Seller, with substantial experience in the engineering, procurement, and construction of power plants of the same type of facility as Seller’s.

“Equitable Defenses” means any bankruptcy, insolvency, reorganization or other Laws affecting creditors’ rights generally and, with regard to equitable remedies, the discretion of the court before which proceedings may be pending to obtain same.

“Event of Default” has the meaning set forth in Section 5.1.

“Execution Date” means the date hereof as set forth in the preamble of the Cover Sheet.

“Executive(s)” has the meaning set forth in Section 12.2(a).

“FCDS” has the meaning set forth in Section 4.1(c).

“FERC” means the Federal Energy Regulatory Commission or any successor government agency.

“Force Majeure” means any event or circumstance which wholly or partly prevents or delays the performance of any material obligation arising under this Agreement but only to the extent (1) such event is not within the reasonable control, directly or indirectly, of the Party seeking to have its performance obligation(s) excused thereby, (2) the Party seeking to have its performance obligation(s) excused thereby has taken all reasonable precautions and measures in order to prevent or avoid such event or mitigate the effect of such event on such Party’s ability to perform its obligations under this Agreement and which by the exercise of due diligence such Party could not reasonably have been expected to avoid and which by the exercise of due diligence it has been unable to overcome, and (3) such event is not the direct or indirect result of the fault or negligence of the Party seeking to have its performance obligations excused thereby.

(a) Subject to the foregoing, events that could qualify as Force Majeure include, but are not limited to the following:

(i) acts of God, flooding, lightning, landslide, earthquake, fire, drought, explosion, epidemic, quarantine, storm, hurricane, tornado, volcano, other natural disaster or unusual or extreme adverse weather-related events;

(ii) war (declared or undeclared), riot or similar civil disturbance, acts of the public enemy (including acts of terrorism), sabotage, blockade, insurrection, revolution, expropriation or confiscation; or

(iii) except as set forth in subpart (b)(vii) below, strikes, work stoppage or other labor disputes (in which case the affected Party shall have no obligation to settle the strike or labor dispute on terms it deems unreasonable).

(b) Force Majeure shall not be based on:

(i) Buyer's inability economically to use or resell the Product purchased hereunder;

(ii) Seller's ability to sell the Product at a price greater than the price set forth in this Agreement;

(iii) Seller's inability to obtain Governmental Approvals or other approvals of any type for the construction, operation, or maintenance of the Project;

(iv) a lack of wind, sun or other fuel source of an inherently intermittent nature;

(v) Seller's inability to obtain sufficient labor, equipment, materials, or other resources to build or operate the Project, except to the extent Seller's inability to obtain sufficient labor, equipment, materials, or other resources is caused by an event of Force Majeure of the specific type described in any of subsections (a)(i) through (a)(iii) above;

(vi) Seller's failure to obtain ~~additional financing or other~~ funds, including funds authorized by a state or the federal government or agencies thereof, to supplement the payments made by Buyer pursuant to this Agreement;

(vii) a strike, work stoppage or labor dispute limited only to any one or more of Seller, Seller's Affiliates, the EPC Contractor or subcontractors thereof or any other third party employed by Seller to work on the Project; or

(viii) any equipment failure except if such equipment failure is caused solely by an event of Force Majeure of the specific type described in any of subsections (a)(i) through (a)(iii) above.

"Forced Outage" means any unplanned reduction or suspension of production of Product from the Project or unavailability of the Project in whole or in part that is not a Planned Outage or a willful withholding of Product when the Project is otherwise capable of delivering Product under Good Industry Practices.

"GAAP" has the meaning set forth in Section 13.4.

"Gains" means with respect to any Party, an amount equal to the present value of the economic benefit to it, if any (exclusive of Costs), resulting from the termination of this Agreement for the remaining Delivery Term, determined in a commercially reasonable manner, subject to Section 5.2 hereof. Factors used in determining economic benefit may include, without limitation, reference to information either available to it internally or supplied 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 market referent prices for renewable power set by the CPUC, comparable transactions, forward price curves based on economic analysis of the relevant markets, settlement prices for comparable transactions at liquid trading hubs (e.g., NYMEX), all of which should be calculated for the

remaining term of this Agreement and include the value, if any, of Capacity Attributes, and Green Attributes.

“Good Industry Practice” means those practices, methods and acts that would be implemented and followed by prudent operators of electric transmission facilities (with respect to Buyer) or prudent operators of electric generation facilities similar to the Project (with respect to Seller) in the Western United States during the relevant time period, which practices, methods and acts, in the exercise of prudent and responsible professional judgment in the light of the facts known at the time the decision was made, could reasonably have been expected to accomplish the desired result consistent with good business practices, reliability and safety, and shall include, at a minimum, those professionally responsible practices, methods and acts described in the preceding sentence that comply with manufacturers’ warranties, restrictions in this Agreement, and the requirements of Governmental Authorities, WECC standards, the CAISO and applicable Law. Good Industry Practice is not intended to be the optimum practice, method or act to the exclusion of all others, but rather is intended to be any of the practices, methods and/or actions generally accepted in the region.

“Governmental Approval” means all authorizations, consents, approvals, waivers, exceptions, variances, filings, permits, orders, licenses, exemptions and declarations of or with any governmental entity and, with respect to the Seller, shall include those siting and operating permits and licenses, and any of the foregoing under any applicable environmental Law, that are required for the construction, use, and operation of the Project.

“Governmental Authority” means any federal, state, local or municipal government, governmental department, commission, board, bureau, agency, or instrumentality, or any judicial, regulatory or administrative body, having jurisdiction as to the matter in question.

“Governmental Charges” has the meaning set forth in Section 9.2.

“Green Attributes” means any and all credits, benefits, emissions reductions, offsets, and allowances, howsoever entitled, attributable to the generation from the Project, and its avoided emission of pollutants. Green Attributes include but are not limited to Renewable Energy Credits, as well as: (1) any avoided emission 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), nitrous oxide, hydrofluorocarbons, perfluorocarbons, sulfur hexafluoride and other greenhouse gases (GHGs) that have been determined by the United Nations Intergovernmental Panel on Climate Change, or otherwise by Law, to contribute to the actual or potential threat of altering the Earth’s climate by trapping heat in the atmosphere;¹ 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

¹ Avoided emissions may or may not have any value for GHG compliance purposes. Although avoided emissions are included in the list of Green Attributes, this inclusion does not create any right to use those avoided emissions to comply with any GHG regulatory program.

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 a MWh basis and one Green Tag represents the Green Attributes associated with one (1) MWh of Energy. Green Attributes do not include (i) any energy, capacity, reliability or other power attributes from the Project, (ii) production tax credits associated with the construction or operation of the Project 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 Seller to accept certain fuels, or local subsidies received by the generator for the destruction of particular preexisting pollutants or the promotion of local environmental benefits, or (iv) emission reduction credits encumbered or used by the Project for compliance with local, state, or federal operating and/or air quality permits. If the Project is a biomass or biogas facility and Seller receives any tradable Green Attributes based on the greenhouse gas reduction benefits or other emission offsets attributed to its fuel usage, it shall provide Buyer with sufficient Green Attributes to ensure that there are zero net emissions associated with the production of electricity from the Project.

[Delete this definition for existing Project in operation for which CPUC Approval is all that is needed for effectiveness of this Agreement.] “Guaranteed Commercial Operation Date” or “GCOD” is the date that is twenty four (24) months after the CP Satisfaction Date, as may be extended pursuant to Section 3.9(c)(ii).]

[Delete this definition for existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement] “Guaranteed Energy Production” has the meaning set forth in Section 3.1(e).]

“Imbalance Energy” means the amount of Energy, in any given settlement ~~period~~interval, by which the amount of Delivered Energy deviates from the amount of Scheduled Energy.

[For As-Available Product PIRP Participants only and only when Seller is SC for the Project:] “Imbalance Price” has the meaning set forth in Section 4.[2/3](b).]

“Initial Negotiation End Date” has the meaning set forth in Section 12.2(a).

“Interconnection Facilities” has the meaning set forth in the CAISO Tariff.

“Interest Amount” means, with respect to an Interest Period, the amount of interest derived from the product of (a) the sum of (i) the principal amount of Performance Assurance in the form of cash held by Buyer during that Interest Period, and (ii) the sum of all accrued and unpaid Interest Amounts accumulated prior to such Interest Period; multiplied by (b) the Interest Rate in effect on the first day of the Interest Period; multiplied by (c) the number of days in that Interest Period; divided by (d) 360.

“Interest Payment Date” means the date on which cash held as Performance Assurance is returned pursuant to the terms of this Agreement.

“Interest Period” means the monthly period beginning on the first day of each month and ending on the last day of each month or the shorter period during which Performance Assurance in the form of cash is held by Buyer.

“Interest Rate” means for any date the rate per annum equal to the Commercial Paper (~~prime~~Non-financial, 3 months) rate as published the prior month in the Federal Reserve Statistical Release, H.15. Should publication of the interest rate on Commercial Paper (~~prime~~Non-financial, 3 months) be discontinued, then the interest rate on commercial paper, which most closely approximates the discontinued rate, published the prior month in the Federal Reserve Statistical Release, H.15, or its successor publication.

[“Investment Tax Credit” or “ITC” means the tax credit for property described in Section 48(a)(3)(A)(i) [solar energy property] or 48(a)(5)(ii) [hydroelectric] of the Internal Revenue Code of 1986, as it may be amended from time to time.] ***[Delete if not currently applicable to technology type.]***

“Law” means any statute, law, treaty, rule, regulation, ordinance, code, Governmental Approval, enactment, injunction, order, writ, decision, authorization, judgment, decree or other legal or regulatory determination or restriction by a court or Governmental Authority of competent jurisdiction, including any of the foregoing that are enacted, amended, or issued after the Execution Date, and which become effective prior to the end of the Delivery Term; or any binding interpretation of the foregoing by a Governmental Authority.

“Letter(s) of Credit” means one or more irrevocable, standby letters of credit issued by a U.S. commercial bank or a foreign bank with a U.S. branch with such bank having a Credit Rating of at least A- from S&P or A3 from Moody’s, in substantially the form as contained in Exhibit C to this Agreement.

“Licensed Professional Engineer” means a person acceptable to Buyer in its reasonable judgment who (a) is licensed to practice engineering in California, (b) has training and experience in the power industry specific to the technology of the Project, (c) has no economic relationship, association, or nexus with Seller or Buyer, other than to meet the obligations of Seller pursuant to this Agreement, (d) is not a representative of a consultant, engineer, contractor, designer or other individual involved in the development of the Project or of a manufacturer or supplier of any equipment installed at the Project, and (e) is licensed in an appropriate engineering discipline for the required certification being made.

“Losses” means with respect to any Party, an amount equal to the present value of the economic loss to it, if any (exclusive of Costs), resulting from a Terminated Transaction for the remaining term of this Agreement, determined in a commercially reasonable manner. Factors used in determining the loss of economic benefit may include, without limitation, reference to information either available to it internally or supplied 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, market referent prices for renewable power set by the CPUC, comparable transactions, forward price curves based on economic analysis of the relevant markets, settlement prices for comparable transactions at liquid trading hubs (e.g. NYMEX), all of which should be calculated for the remaining term of this Agreement and include the value, if any, of Capacity Attributes, and Green Attributes.

“Manager” has the meaning set forth in Section 12.2(a).

[Delete this definition for existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement “Milestones” has the meaning set forth in Section 3.9(b)(i).]

“Monthly Energy Payment” has the meaning set forth in Section 4.~~[1/2]~~4.1([b/c]).

“Moody’s” means Moody’s Investor Services, Inc., or its successor.

“MWh” means megawatt-hour.

“Negative Imbalance Energy” has the meaning set forth in Section 4.[2/3].

“NERC” means the North American Electric Reliability Corporation or a successor organization that is responsible for establishing reliability criteria and protocols.

“NERC Holiday” means any of the following holidays: 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 (4th) Thursday in November. New Year’s Day, Independence Day, and Christmas Day occur on the same date each year, but in the event any of these holidays occur on a Sunday, the “NERC Holiday” is celebrated on the Monday immediately following that Sunday; and if any of these holidays occur on a Saturday, the “NERC Holiday” remains on that Saturday.

“Network Upgrades” has the meaning set forth in the CAISO Tariff.

“Non-Availability Charges” shall mean Non-Availability Charges as defined in FERC filing ER09-1064 or such other similar term as modified and approved by FERC thereafter to be incorporated in the CAISO Tariff or otherwise applicable to CAISO.

“Non-Defaulting Party” has the meaning set forth in Section 5.2.

“Notice” shall, unless otherwise specified in the Agreement, mean written communications by a Party to be delivered by hand and delivery, United States mail, overnight courier service, facsimile or electronic messaging (e-mail).

“Notice to Proceed” or “NTP” means the notice provided by Seller to the EPC Contractor following execution of the EPC Contract between Seller and such EPC Contractor and satisfaction of all conditions precedent to performance of such contract, by which Seller authorizes such EPC Contractor to commence and complete full performance of the work under the EPC Contract without any delay or waiting periods.

“Outage Notification Form” means the completed document from Seller notifying Buyer of an outage of the Project in a form reasonably acceptable to Buyer. Buyer reserves the right to reasonably revise or change the form upon Notice to Seller.

[For intermittent As-Available Product: “Participating Intermittent Resource” shall have the meaning set forth in the CAISO Tariff.]

[For an intermittent As-Available Product only: “Participating Intermittent Resource Program” or “PIRP” means the rules, protocols, procedures and standards for Participating Intermittent Resources under the CAISO’s Eligible Intermittent Resource Protocol, as may be amended from time to time, as set forth in the CAISO Tariff.]

“Participating Transmission Owner” or “Participating TO” means an entity that (a) owns, operates and maintains transmission lines and associated facilities and/or has entitlements to use certain transmission lines and associated facilities and (b) has transferred to the CAISO operational control of such facilities and/or entitlements to be made part of the CAISO Grid. As of the Execution Date, the Participating Transmission Owner is *[insert name]*.

“Party” or “Parties” means the Buyer or Seller individually, or to both collectively.

“Performance Assurance” means collateral provided by Seller to Buyer to secure Seller’s obligations hereunder and includes Development Period Security and Delivery Term Security.

“Performance Measurement Period” has the meaning set forth in Section 3.1(e).

“Performance Tolerance Band” for each CAISO settlement interval means 5% of the Contract Capacity divided by the number of CAISO settlement intervals per hour.

“Planned Outage” means any planned reduction or suspension of the electrical output from the Project or unavailability of the Project in whole or in part as a result of the inspection, maintenance, or repair of equipment that is scheduled in accordance with Section 3.7(a).

“Positive Imbalance Energy” has the meaning set forth in Section 4.[2/3].

“Product” has the meaning set forth in Section 3.1(a).

[“Production Tax Credit” or “PTC” means the tax credit for electricity produced from certain renewable generation resources described in Section 45 of the Internal Revenue Code of 1986, as it may be amended from time to time.] ***[Delete if not currently applicable to the technology type.]***

“Project” means all of the *[insert technology]* electric generating units, the Site at which the generating facility is located, the utility interconnection facilities up to the point of change in ownership to the applicable utility’s facilities, and the other assets, tangible and intangible, that compose the generation facility or Aggregate Projects as more particularly described on Exhibit A.

“Project Cure Period” has the meaning set forth in Section 3.9(c)(i).

“Recording” has the meaning set forth in Section 13.6.

“Reductions” has the meaning set forth in Section 3.2(c).

“Referral Date” has the meaning set forth in Section 12.2(a).

[Delete this definition for existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement “Remedial Action Plan” has the meaning provided in Section 3.9(b)(ii).]

“Renewable Energy Credit” has the meaning set forth in California Public Utilities Code Section 399.12(f) and CPUC Decision 08-08-028, as each may be amended from time to time or as further defined or supplemented by Law.

“Renewable Generation Equipment Provider” means any entity or entities transmitting or transporting the Product on behalf of Seller or Buyer to or from the Delivery Point.

“Replacement Price” means the price (in dollars per megawatt hour) at which Buyer, acting in a commercially reasonable manner, purchases for delivery at the Delivery Point (or any other reasonably equivalent delivery point for Buyer) a replacement for any Product (including its associated Green Attributes) that was not Scheduled and delivered by Seller, plus (a) costs (calculated in dollars per megawatt hour) reasonably incurred by Buyer in purchasing such replacement Product and (b) additional transmission charges (calculated in dollars per megawatt hour), if any, reasonably incurred by Buyer for such replacement Product, or absent a purchase, the market price at the Delivery Point (or any other reasonably equivalent delivery point for Buyer) for such replacement Product for the hours impacted by such failure to Schedule or deliver such Product as determined by Buyer in a commercially reasonable manner. The Replacement Price also shall include all CAISO and other charges and penalties calculated in dollars per megawatt hour with respect to the deviation from the Scheduled supply resulting from Seller’s failure to Schedule or deliver; provided, however, in no event shall such price include any ratcheted demand or similar charges, nor shall Buyer be required to utilize or change its utilization of its owned or controlled assets or market positions to minimize Seller’s liability. For the purposes of this definition, Buyer shall be considered to have purchased replacement Product to the extent Buyer shall have entered into one or more arrangements in a commercially reasonable manner whereby Buyer repurchases its obligation to sell and deliver the Product to another party. If for any reason a Replacement Price is unavailable when Seller fails to deliver or Schedule Product, then the Replacement Price for the hours when a Replacement Price is unavailable shall be the last available Replacement Price together with any charges and penalties allocated to Buyer during such time.

[For FCDS bids: “Resource Adequacy” means the procurement obligation of load serving entities, including Buyer, as such obligations are described in CPUC Decisions D.04-10-035 and D.05-10-042 and subsequent CPUC decisions addressing Resource Adequacy issues, as those obligations may be altered from time to time in the CPUC Resource Adequacy Rulemakings (R.) 04-04-003 and (R.) 05-12-013 or by any successor proceeding, and all other Resource Adequacy obligations established by any other entity, including the CAISO.*]*

“Sales Price” means the price (in dollars per megawatt hour) at which Seller, acting in a commercially reasonable manner, resells any Product not Scheduled and received by Buyer, deducting from such proceeds any (a) costs (calculated in dollars per megawatt hour) reasonably incurred by Seller in reselling such Product including all costs charged by CAISO to Schedule and deliver the Product into the CAISO System, and (b) additional transmission charges (calculated in dollars per megawatt hour), if any, reasonably incurred by Seller in Scheduling and delivering

such Product to the third party purchasers, or absent a sale despite commercially reasonable efforts to resell the Product, zero. The Sales Price shall also be reduced by all CAISO and other costs, charges and penalties with respect to the deviation from the Scheduled supply, in each case, resulting from Buyer's failure to take Product and calculated in dollars per megawatt hour; provided, however, in no event shall such price include any ratcheted demand or similar charges, nor shall Seller be required to utilize or change its utilization of its owned or controlled assets, including contractual assets, or market positions to minimize Buyer's liability. The Sales Price may be less than zero.

"S&P" means the Standard & Poor's Rating Group (a division of McGraw-Hill, Inc.) or its successor.

"Schedule" means the actions of Seller, Buyer and/or their designated representatives, or Scheduling Coordinators, including each Party's Transmission Providers, if applicable, of notifying, requesting and confirming to each other and the CAISO the quantity and type of Product to be delivered on any given day or days at a specified Delivery Point.

"Scheduling Coordinator" or "SC" means an entity certified by the CAISO as qualifying as a Scheduling Coordinator pursuant to the CAISO Tariff, for the purposes of undertaking the functions specified in "Responsibilities of a Scheduling Coordinator," of the CAISO Tariff, as amended from time-to-time.

"Scheduled Energy" means the Energy that clears under the applicable CAISO market based on the final Schedule developed in accordance with this Agreement, the operating procedures developed by the Parties pursuant to Section 3.10, and the applicable CAISO Tariff, protocols and Scheduling practices.

"SEC" means the U.S. Securities and Exchange Commission.

"Seller" shall have the meaning set forth on the Cover Sheet.

"Semiannual Progress Report" means the completed documents from Seller notifying Buyer of the progress of the development of the Project in a format reasonably acceptable to Buyer, as may be modified from time to time to meet applicable CPUC requirements.

"Settlement Amount" means, with respect to the Non-Defaulting Party, the Losses or Gains, and Costs, expressed in U.S. Dollars, which such Party incurs as a result of the liquidation of a Terminated Transaction pursuant to Sections 5.2 and 5.3.

"Site" shall mean the location of the Project as described in Exhibit A. For Aggregated Projects, "Site" means all of the component sites of the Project.

"Station Service" means the electric energy produced by the Project that is used within the Project to power the lights, motors, control systems and other auxiliary electrical loads that are necessary for operation of the Project [*For Excess Sales bids*: and electric energy produced by the Project that is used to service onsite load which is subtracted from the CAISO revenue meter/].

“Terminated Transaction” means the termination of this Agreement in accordance with Section 5.2 of this Agreement.

“Termination Payment” has the meaning set forth in Section 5.2.

“TOD Delivery Cap” has the meaning set forth in 4.1(d)(iii).

“TOD Factors” has the meaning set forth in Section 4.~~[1/2]~~4.1(b).

“TOD Period” has the meaning set forth in Section 4.~~[1/2]~~4.1(b).

~~“Transmission Provider” means any entity or entities transmitting or transporting the Product on behalf of Seller or Buyer to or from the Delivery Point.~~

~~“Turbine Supplier” means the supplier of the electric generating [[wind] [gas] [steam] turbine(s)]/for, for solar projects: solar electric generating equipment/ for the Project, selected by Seller.~~ “WECC” means the Western Electricity Coordinating Council or successor agency.

“WREGIS” means the Western Renewable Energy Generating Information System or any successor renewable energy tracking program.

1.2 Interpretation. The following rules of interpretation shall apply:

- (a) Capitalized terms used in this Agreement, including the appendices hereto, shall have the meaning set forth in Article 1, unless otherwise specified.
- (b) Any reference in this Agreement to any natural person, Governmental Authority, corporation, partnership or other legal entity includes its permitted successors and assigns or to any natural person, Governmental Authority, corporation, partnership or other legal entity succeeding to its functions.
- (c) All references to dollars are to U.S. dollars.
- (d) For the purposes of this Agreement, all references to “site” shall mean “sites,” all references to “Project” shall mean “Projects” ~~and all references to “facility” shall mean the “Aggregated Project,” when applied to an Aggregated Project.~~

ARTICLE TWO: EFFECTIVENESS OF AGREEMENT; CONDITION PRECEDENT

2.1 Effectiveness of Agreement Prior to CP Satisfaction Date. Commencing on the Execution Date until the CP Satisfaction Date, this Agreement shall be in full force and effect, enforceable and binding only to the extent required to give full effect to, and enforce, the rights and obligations of the Parties under this Article 2, including, as it relates to Article 2, the rights and obligations under Articles 1, 5, 7, 8, 9, 10, 11, 12, and 13.

2.2 Obligations of the Parties. The Parties shall cooperate with each other to cause the Condition Precedent to be satisfied as soon as reasonably practical.

- (a) Seller's Obligations. Prior to the CP Satisfaction Date, Seller shall (i) use commercially reasonable efforts to pursue satisfaction of the Condition Precedent set forth in ~~Sections 2.3(a)~~ Section 2.3(a), ~~[Delete for existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement]~~ (ii) diligently pursue development of the Project in accordance with Section 3.9, (iii) comply with Section 3.9(b) in achieving the applicable Milestones, reporting completion of such Milestones, and delivering Remedial Action Plans in respect of missed Milestones as more fully described therein, (iv) deliver the Semiannual Progress Report in accordance with Section 3.9(a), and (v) otherwise comply with its obligations, covenants, representations, and warranties under Articles 7-13. Upon an Event of Default of Seller prior to the CP Satisfaction Date, Buyer may terminate this Agreement in which case Seller shall owe Buyer liquidated damages in the amount of the Development Period Security. Buyer may retain such Performance Assurances to pay such liquidated damages. Each Party agrees and acknowledges that (a) the actual damages that Buyer would incur due to an Event of Default of Seller prior to the CP Satisfaction Date would be difficult or impossible to predict with certainty, (b) the liquidated damages set forth in this section are a reasonable and appropriate approximation of such damages, and (c) the liquidated damages set forth in this section are the exclusive remedy for an Event of Default of Seller prior to the CP Satisfaction Date.
- (b) Buyer's Obligations. Prior to the CP Satisfaction Date, Buyer shall (i) use commercially reasonable efforts to pursue satisfaction of the Condition Precedent set forth in ~~Sections~~ Section 2.3(a), and (ii) otherwise comply with its obligations, covenants, representations, and warranties under Articles 7-13. Upon an Event of Default of Buyer prior to the CP Satisfaction Date, Seller may terminate this Agreement in which case Buyer shall owe Seller liquidated damages in the amount of the Development Period Security. Each Party agrees and acknowledges that (a) the actual damages that Seller would incur due to an Event of Default of Buyer prior to the CP Satisfaction Date would be difficult or impossible to predict with certainty, (b) the liquidated damages set forth in this section are a reasonable and appropriate approximation of such damages, and (c) the liquidated damages set forth in this section are the exclusive remedy for an Event of Default of Buyer prior to the CP Satisfaction Date.

2.3 Condition Precedent. Subject to Section 2.1, the effectiveness of the remainder of this Agreement is conditioned upon the satisfaction (or waiver by the Party described in Section 2.4) of all of the following ~~conditions~~ condition precedent ("Condition Precedent") by the deadline

~~dates~~date set forth below for ~~each~~the Condition Precedent without extension for Force Majeure or any other reason:

- (a) CPUC Approval. No later than three (3) months after the Execution Date, Buyer shall have obtained CPUC Approval Prior to this deadline; ~~should~~, Should the CPUC issue an order approving this Agreement with conditions or modifications that materially alter the commercial aspects of this Agreement, the Parties agree to use good faith efforts to renegotiate this Agreement and file the amended agreement with the CPUC seeking approval thereof. If, within thirty (30) days, no agreement is reached, either Party may terminate this Agreement upon delivery of Notice to the other Party.

2.4 Failure to Meet The Condition Precedent.

- (a) Beneficiary Party.

- (i) Both of the Parties are the beneficiaries of the Condition Precedent set forth in Section 2.3(a), and in order for a waiver of non-satisfaction of such Condition Precedent to be effective, both of the Parties must waive (in their sole discretion) non-satisfaction by the deadline date therefor.

- (b) Termination. ~~If any of~~ the Condition Precedent is not satisfied or waived in writing by the beneficiary Parties thereto on or before the applicable deadline date therefor, then either of the Parties may terminate this Agreement with no further obligation to either Party (other than ~~as set forth in Sections 2.4(b)(i)-(ii) below~~ and any other payment obligations which are accrued and payable at the time of termination) by delivery of Notice to the other Party within fifteen days after the applicable deadline date. If a Party has the right to terminate this Agreement pursuant to this Section 2.4, but fails to deliver Notice of termination within ~~each~~such fifteen day period after ~~each~~such deadline date, then such Party's termination right per this Section 2.4 for such deadline date shall be deemed waived in its entirety. Upon a termination of this Agreement by either Party as a result of the failure of the Condition Precedent set forth in Section 2.3(a) to be satisfied or waived by Buyer, Buyer shall return to Seller the Development Period Security.

- ~~(i) — Upon a termination of this Agreement by either Party for any reason under Section 2.4 other than the failure of the Condition Precedent set forth in Sections 2.3(a) to be satisfied or waived by Buyer, Seller shall forfeit to Buyer an amount equal to the Development Period Security. Buyer may retain the Development Period Security to pay such amount.~~

- ~~(ii) — Upon a termination of this Agreement by either Party as a result of the failure of the Condition Precedent set forth in Sections 2.3(a) to be satisfied or waived by Buyer, Buyer shall return to Seller the Development Period Security.~~

2.5 Effectiveness of Agreement on and after CP Satisfaction Date. This Agreement shall be in full force and effect, enforceable and binding in all respects as of the CP Satisfaction Date until the conclusion of the Delivery Term or earlier termination pursuant to the terms of this Agreement; provided however, that this Agreement shall remain in effect until (i) the Parties have fulfilled all obligations under this Agreement, including payment in full of amounts due for the Product delivered prior to the end of the Delivery Term, the Settlement Amount, indemnification payments or other damages (whether directly or indirectly such as through set-off or netting) and (ii) the undrawn portion of the Development Period Security or Delivery Term Security, as applicable, is released and/or returned as applicable (if any is due). All indemnity rights shall survive the termination or expiration of this Agreement for the longer of twelve (12) months or the expiration of the statute of limitations period of the claim underlying the indemnity obligation.

ARTICLE THREE: OBLIGATIONS AND DELIVERIES

3.1 Transaction.

- (a) Product. The “Product” to be delivered and sold by Seller and received and purchased by Buyer under this Agreement is As-Available Energy, *[Delete for Energy Only Bids: Capacity Attributes,]* Green Attributes, and other ancillary products, services or attributes similar to the foregoing which are or can be produced by or associated with the Project (net of Station Service) in accordance with the terms hereof.
- (b) Transaction. Unless specifically excused by the terms of this Agreement during the Delivery Term, Seller shall sell and deliver, or cause to be delivered, and Buyer shall purchase and receive, or cause to be received, the Product at the Delivery Point, and Buyer shall pay Seller for the Product in accordance with the terms hereof. In no event shall Seller have the right to procure any element of the Product from sources other than the Project for sale or delivery to Buyer under this Agreement.
- (c) Delivery Term. The Parties agree that the period of Product delivery is *[insert: “ten (10)”, “fifteen (15), or “twenty (20)”]* Contract Years. As used herein, “Delivery Term” shall mean the period of Contract Years specified above beginning on the Commercial Operation Date and continuing until the end of the last Contract Year unless terminated earlier as provided by the terms of this Agreement.
- (d) Delivery Point. *[For Project with transmission level interconnection, insert: “The Delivery Point shall be the point of interconnection of the Project to the CAISO Grid (and, for payment purposes, the corresponding PNode).]* *[For Project with distribution level interconnection, insert: “The Delivery Point shall be the point on the CAISO Grid where the Participating Transmission Owner’s distribution system interconnects to the CAISO Grid as set forth in their Meter Services Agreement, as may be acceptable to Buyer in its reasonable discretion (and, for payment purposes, the corresponding PNode).”]*

- (e) Contract Quantity and Guaranteed Energy Production. The quantity of Delivered Energy that Seller expects to be able to deliver to Buyer during each Contract Year is [_____] MWh *[For solar facilities, insert: to be degraded each Contract Year by [insert manufacturer's degradation factor]]* (“Contract Quantity”). *[For all facilities other than hydro facilities, insert: Throughout the Delivery Term, Seller shall be required to deliver to Buyer no less than the Guaranteed Energy Production (as defined below) in any [For baseload facilities insert: “twelve (12)”] [For all facilities other than baseload facilities insert: “twenty-four (24)”] consecutive calendar month period during the Delivery Term (“Performance Measurement Period”). “Guaranteed Energy Production” means an amount of Energy, as measured in MWh, equal to [For wind facilities, insert “one hundred and forty percent (140%)”, [for solar facilities, insert “one hundred and sixty percent (160%)”] [for baseload facilities, insert “ninety percent (90%)”] of the amount that is two times the weighted average of the Contract Quantity- for the Performance Measurement Period.]* Notwithstanding the excuses to performance set forth in the definition of the Product type (as such Product type is specified in Section 3.1(a)), Seller shall be excused from achieving the Guaranteed Energy Production during any Performance Measurement Period only to the extent of any Force Majeure events, Buyer’s failure to perform, or Dispatch Down Periods. For purposes of determining whether Seller has achieved the Guaranteed Energy Production, Seller shall be deemed to have delivered to Buyer Energy in the amount it could reasonably have delivered to Buyer but was prevented from delivering to Buyer by reason of any Force Majeure events, Buyer’s failure to perform, or Dispatch Down Periods.
- (f) Contract Capacity. The “Contract Capacity” is the full generation capacity of the Project net of all Station Service which shall be [___MW]. Throughout the Delivery Term, Seller shall sell and Schedule all Product associated with the Contract Capacity of the Project *[For FCDS bids insert: “including Capacity Attributes,”]* solely to Buyer, except in the case of an Event of Default of Buyer or during Dispatch Down Periods. In no event shall Buyer be obligated to receive or pay for, in any hour, any Product, as measured by Delivered Energy, that exceeds the Contract Capacity.
- (g) Project. All Product provided by Seller pursuant to this Agreement shall be supplied from the Project only. Other than maintenance in accordance with Good Industry Practices, Seller shall not make any alteration or modification to the Project which results in a change to the Contract Capacity of the Project without Buyer’s prior written consent. The Project is further described in Exhibit A.
- (h) Performance Excuses.

(i) Seller Excuses. The performance of Seller to Schedule, deliver, and sell the Product shall be excused only for the reasons set forth in the definition of “As-Available”. If Seller fails to Schedule, deliver, or sell all or part of the Product, and such failure is not excused as described above, then Seller shall pay Buyer, on the date payment would otherwise be due in respect of the month in which the failure occurred an amount for such Product deficiency equal to the positive difference, if any, obtained by subtracting (A) the product of the Energy Price times the weighted average TOD Factor for such period of Product deficiency times the Product deficiency, from (B) the product of the Replacement Price times the Product deficiency. The invoice for such amount shall include a written statement explaining in reasonable detail the calculation of such amount.

(ii) Buyer Excuses. The performance of Buyer to Schedule, receive, and pay for the Product shall be excused only (A) during periods of Force Majeure, (B) by Seller’s failure to perform or (C) during Dispatch Down Periods. If Buyer fails to Schedule, receive, or purchase all or part of the Product and such failure is not excused as described above, then Buyer shall pay Seller, on the date payment would otherwise be due in respect of the month in which the failure occurred an amount for such Product deficiency equal to the positive difference, if any, obtained by subtracting (Y) the product of the Sales Price times the Product deficiency from (Z) the product of the Energy Price times the weighted average TOD Factor for such period of Product deficiency times the Product deficiency. The invoice for such amount shall include a written statement explaining in reasonable detail the calculation of such amount.

(i) Green Attributes. Seller hereby provides and conveys all Green Attributes associated with all electricity generation from the Project to Buyer as part of the Product being delivered. Seller represents and warrants that Seller holds the rights to all Green Attributes from the Project, and Seller agrees to convey and hereby conveys all such Green Attributes to Buyer as included in the delivery of the Product from the Project.

(j) ~~Delete and replace with “Reserved” for Energy Only Bids: Resource Adequacy~~. During the Delivery Term, Seller grants, pledges, assigns and otherwise commits to Buyer all of the Project’s Contract Capacity, including Capacity Attributes, from the Project for Buyer to use in meeting its Resource Adequacy or successor program requirements, as the CPUC, CAISO or other regional entity may prescribe but only to the extent (1) the deliverability Network Upgrades for the Project, if any, are operational and (2) if deliverability Network Upgrades, if any, are required by this Section 3.1(j). Seller agrees that it shall take all commercially reasonable actions and execute any and all documents or instruments reasonably necessary to enable Buyer to use all of the Contract Capacity, including Capacity Attributes, to be committed by Seller to Buyer pursuant to this Agreement for the Resource Adequacy requirements of Buyer, including for necessary deliverability Network Upgrades. If there are determined to be deliverability Network Upgrade costs, Buyer can request that Seller elect to fund or elect not to fund all deliverability Network Upgrades. However, if Seller elects to fund all

deliverability Network Upgrades after Buyer's request that Seller not fund such deliverability Network Upgrades, Buyer shall have the right to declare a termination, and Seller shall owe Buyer a Termination Payment. If Buyer requests that Seller fund certain deliverability Network Upgrades and Seller elects to fund, but the Project does not obtain Full Capacity Deliverability Status on or before January 1, 2022, Buyer shall have the right to declare a termination, and Seller shall owe Buyer a Termination Payment. If the Seller is required to provide Resource Adequacy hereunder, Seller agrees that the Project is subject to the terms of the Availability Standards./

- (k) Climate Registry. Seller shall register the Project with the Climate Registry as may be required by the CPUC pursuant to Decision 06-02-032 and any subsequent order, but in any event, no later than the initial delivery of test Energy to Buyer prior to the Commercial Operation Date.
- (l) WREGIS. Prior to the initial delivery of Energy to Buyer, Seller shall register the Project in WREGIS, and take all other actions necessary to ensure that the Energy or Green Attributes produced from the Project are issued and tracked for purposes of satisfying the requirements of the California Renewable Portfolio Standard and transferred to Buyer, including payment of all fees required to register the facility in WREGIS, issue WREGIS certificates, and transfer such certificates to Buyer. Seller warrants that all necessary steps to allow the Renewable Energy Credits transferred to Buyer to be tracked in WREGIS will be taken prior to the first delivery under the Agreement, including executing a CAISO Qualified Reporting Entity Service Agreement to allow CAISO, on the Seller's behalf, to upload generation information directly into WREGIS.

3.2 Transmission.

- (a) Seller's Transmission Service Obligations. During the Delivery Term, Seller shall arrange and be responsible for transmission service for delivery of the Product to and at the Delivery Point and bear all risks and costs associated with such transmission service, including, but not limited to, all Transmission Provider costs and charges, electric transmission and distribution losses, and any transmission or distribution level outages or curtailment, except as provided otherwise in this Agreement in respect of Dispatch Down Periods. Seller shall fulfill all contractual, metering and applicable interconnection requirements, including those set forth in Participating Transmission Owner's applicable tariffs, the CAISO Tariff and implementing CAISO standards and requirements, including, but not limited to, executing applicable interconnection agreements, Participating Generator Agreement and Meter Service Agreement so as to be able to deliver Energy to the

CAISO Grid. Seller shall arrange for any interconnection agreement with the CAISO (or the Participating Transmission Owner, for distribution level interconnections) and such interconnection agreement is separate and not a part of this Agreement.

- (b) Buyer's Transmission Service Obligations. During the Delivery Term, Buyer shall arrange and be responsible for transmission service for delivery of the Product from the Delivery Point and bear all risks and costs associated with such transmission service, including, but not limited to, all Transmission Provider costs and charges, electric transmission losses, and any transmission outages or curtailment, except as provided otherwise in this Agreement in respect of Dispatch Down Periods.
- (c) Congestion Charges. Seller shall be responsible for all costs of congestion for transmission of the Product up to and at the Delivery Point. Buyer shall be responsible for all costs of congestion for transmission of the Product from the Delivery Point. To the extent that Seller is reimbursed for or receives any refunds, credits, or benefits from the CAISO for congestion charges or losses in respect of transmission of the Product from the Delivery Point, whether due to differences between the locational marginal pricing at the Delivery Point and Buyer's load aggregation point or any other point downstream of the Delivery Point, congestion revenue rights associated with any transmission path downstream of the Delivery Point, or any other hedging instruments associated with the transmission of the Product from the Delivery Point (collectively, any such refunds, credits or benefits are referred to as "Reductions"), then, at Buyer's option, either (i) Seller shall transfer any such Reductions and their related rights to Buyer; or (ii) Buyer shall reduce payments due to Seller under this Agreement in amounts equal to the Reductions and Seller shall retain the Reductions.

3.3 Scheduling.

- (a) ***[For As-Available intermittent Product only: PIRP Requirements.***

Seller shall cause the Project to become a Participating Intermittent Resource including executing all necessary documents to become a Participating Intermittent Resource. Seller shall be responsible for all CAISO forecasting fees and related charges associated with the Project becoming a Participating Intermittent Resource and participating in PIRP. Seller and Buyer shall comply with PIRP, and all additional protocols issued by the CAISO relating to Participating Intermittent Resources, including the PIRP, for the Delivery Term. Seller shall provide Buyer with a copy of the notice from the CAISO certifying the Project as a Participating Intermittent Resource as close to the Commercial Operation Date as possible. In the event that PIRP or the CAISO Tariff and/or any protocols relating thereto are changed, amended, modified replaced or terminated, Seller and Buyer agree to comply with such revisions and, to the extent

practical, to implement such revisions in a manner that maintains the relative economic positions of the parties as of the date of this Agreement.]

(b) Scheduling Coordinator.

[NOTE TO BIDDERS: See RFO details relating to Seller's election of SC services][When Seller is SC for the Project, include the following two paragraphs:

(i) Seller as Scheduling Coordinator for the Project. During the Delivery Term, Seller shall be its own Scheduling Coordinator or designate a qualified third party to provide Scheduling Coordinator services with its Transmission Provider to Schedule and deliver the Product to the Delivery Point and Buyer shall be its own Scheduling Coordinator or designate a qualified third party to provide Scheduling Coordinator services with its Transmission Provider to Schedule and receive the Product at the Delivery Point. Throughout the Delivery Term, Buyer and Seller shall submit inter-SC trades for scheduling all Product from the Project at the Delivery Point (including Energy, Integrated Forward Market Load Uplift Obligations in respect of self-scheduled Energy, and other Product from time to time contemplated under the CAISO Tariff to be subject to inter-SC trades), based on a final Schedule developed in compliance with this Agreement. During the Delivery Term, each Party or each Party's SC shall conduct all Scheduling in accordance with the operating procedures developed by the Parties pursuant to Section 3.10 and in full compliance with the applicable CAISO Tariff, protocols and Scheduling practices for Product on a day-ahead, hour-ahead, or real time basis, as determined by Buyer. ***[For As-Available intermittent Product only:*** Whenever PIRP is applicable, Seller shall submit Schedules and any updates to such Schedules to the CAISO based on the most current forecast of Delivered Energy consistent with PIRP.]] It is the intent of the Parties that neither Party be subject to a double payment or a double charge for Product from the Project through this Agreement and CAISO settlement process and that the more detailed Scheduling and operating procedures developed pursuant to Section 3.10 complement the CAISO settlement process to produce a final economic result between them that is consistent with the fundamental transaction of this Agreement.

(ii) CAISO Costs and Revenues. Seller shall be responsible for CAISO costs (including penalties and other charges) and shall be entitled to all CAISO revenues (including credits and other payments) as the Scheduling Coordinator for the Project, in each case, associated with Imbalance Energy, including all CAISO charges or penalties incurred as a consequence of the Project not being available, the Seller not notifying the CAISO and Buyer of outages in a timely manner (in accordance with the CAISO Tariff and as set forth in Section 3.7), any other failure by Seller to abide by the CAISO Tariff, and any other deviations between Delivered Energy and Scheduled Energy that are attributable to Seller, the Project, or any event, circumstance, act, or incident occurring prior to or at the Delivery Point, including without limitation uninstructed deviation penalties. The Parties agree that any Availability Incentive Payments are for the benefit of the Seller and for Seller's account and that any Non-Availability Charges are the responsibility of the Seller and for Seller's account. In addition, if during the Delivery Term, the CAISO implements or has implemented any sanction or penalty related to scheduling, outage reporting, or generator operation, the cost of the sanctions or penalties shall be the Seller's responsibility. Buyer shall be entitled to all credits, payments, or revenues from the

CAISO in respect of the Product Scheduled or delivered from the Project, including revenues associated with CAISO dispatches, inter-SC trade credits, and bid cost recovery.]

[When SDG&E is SC for the Project, include the following seven paragraphs:

(iii) Buyer as Scheduling Coordinator for the Project. Upon initial synchronization of the Project to the CAISO Grid, Buyer shall be the Scheduling Coordinator or designate a qualified third party to provide Scheduling Coordinator services with the CAISO for the Project for both the delivery and the receipt of the Product at the Delivery Point. At least thirty (30) days prior to the initial synchronization of the Project to the CAISO Grid, Seller shall take all actions and execute and deliver to Buyer and the CAISO all documents necessary to authorize or designate Buyer as Seller's Scheduling Coordinator for the Project effective as of initial synchronization of the Project to the CAISO Grid. On and after initial synchronization of the Project to the CAISO Grid, Seller shall not authorize or designate any other party to act as Seller's Scheduling Coordinator, nor shall Seller perform for its own benefit the duties of Scheduling Coordinator, and Seller shall not revoke Buyer's authorization to act as Seller's Scheduling Coordinator unless agreed to by Buyer. Buyer (as Seller's SC) shall submit Schedules to the CAISO based on the final Schedule developed in accordance with this Agreement, the operating procedures developed by the Parties pursuant to Section 3.10, and the applicable CAISO Tariff, protocols and Scheduling practices for Product on a day-ahead, hour-ahead, or real time basis, as determined by Buyer. ***[For As-Available intermittent Product only:*** Buyer (as Seller's SC) shall submit Schedules and any updates to such Schedules to the CAISO based on the most current forecast of Delivered Energy consistent with PIRP whenever PIRP is applicable, and consistent with Buyers' best estimate based on the information reasonably available to Buyer including Buyer's forecast whenever PIRP is not applicable.]

(iv) Notices. Buyer (as Seller's SC) shall provide Seller with access to a web based system through which Seller shall submit to Buyer and the CAISO all notices and updates required under the CAISO Tariff regarding the Project's status, including, but not limited to, all outage requests, forced outages, forced outage reports, clearance requests, or must offer waiver forms. In accordance with Section 3.7 and this Section 3.2, Seller will cooperate with Buyer to provide such notices and updates. If the web based system is not available, Seller shall promptly submit such information to Buyer and the CAISO (in order of preference) telephonically, by electronic mail, or facsimile transmission to the personnel designated to receive such information.

(v) CAISO Costs and Revenues. Except as otherwise set forth below and elsewhere in this Agreement, Buyer (as Seller's SC) shall be responsible for CAISO costs (including penalties, ***[For As-Available Product PIRP Participants only:*** Negative Imbalance Energy costs,) and other charges) and shall be entitled to all CAISO revenues (including credits, ***[For As-Available Product PIRP Participants only:*** Positive Imbalance Energy revenues,) and other payments) as the Scheduling Coordinator for the Project, including revenues associated with CAISO dispatches, bid cost recovery, inter-SC trade credits, or other credits in respect of the Product Scheduled or delivered from the Project. ***[For As-Available Product PIRP Participants only:*** Seller shall be responsible for all CAISO charges or penalties net of credits and payments, in each case, resulting from the Seller not notifying the CAISO and Buyer (as Seller's SC) of outages or other unavailability of Project capacity in a timely manner (in accordance with the CAISO

Tariff and as set forth in Section 3.7) or any other failure by Seller to abide by the CAISO Tariff, including without limitation uninstructed deviation penalties resulting therefrom.] [For As-Available Product non-PIRP Participants only: Seller shall be responsible for all CAISO costs and penalties and other charges (and not revenues, credits or payment) in connection with Imbalance Energy during any CAISO settlement interval that the Performance Tolerance Band has been exceeded for any reason, other than Buyer's failure to perform.] The Parties agree that any Availability Incentive Payments are for the benefit of the Seller and for Seller's account and that any Non-Availability Charges are the responsibility of the Seller and for Seller's account. In addition, if during the Delivery Term, the CAISO implements or has implemented any sanction or penalty related to scheduling, outage reporting, or generator operation, and any such sanctions or penalties are imposed upon the Project or to Buyer as Scheduling Coordinator due to the actions or inactions of Seller, the cost of the sanctions or penalties shall be the Seller's responsibility.

(vi) CAISO Settlements. Buyer (as Seller's SC) shall be responsible for all settlement functions with the CAISO related to the Project. Buyer shall render a separate invoice to Seller for any CAISO charges or penalties ("CAISO Charges Invoice") for which Seller is responsible under this Agreement. CAISO Charges Invoices shall be rendered after settlement information becomes available from the CAISO that identifies any CAISO charges. Notwithstanding the foregoing, Seller acknowledges that the CAISO will issue additional invoices reflecting CAISO adjustments to such CAISO charges. Seller shall pay the amount of CAISO Charges Invoices within ten Business Days of Seller's receipt of the CAISO Charges Invoice. If Seller fails to pay such CAISO Charges Invoice within that period, Buyer may net or offset any amounts owing to it for these CAISO Charges Invoices against any future amounts it may owe to Seller under this Agreement. The obligations under this section with respect to payment of CAISO Charges Invoices shall survive the expiration or termination of this Agreement.

(vii) Dispute Costs. Buyer (as Seller's SC) may be required to dispute CAISO settlements in respect of the Project. Seller agrees to pay Buyer's costs and expenses (including reasonable attorneys' fees, including reasonably allocated costs of in-house counsel of the Buyer) associated with its involvement with such CAISO disputes.

(viii) Terminating Buyer's Designation as Scheduling Coordinator. At least thirty (30) days prior to expiration of this Agreement or as soon as reasonably practicable upon an earlier termination of this Agreement, the Parties will take all actions necessary to terminate the designation of Buyer as Scheduling Coordinator for the Project as of 11:59 p.m. on such expiration date.

(ix) Master Data File and Resource Data Template. Seller shall provide the data to the CAISO (and to Buyer) that is required for the CAISO's Master Data File and Resource Data Template (or successor data systems) for this Project consistent with this Agreement. Neither Party shall change such data without the other Party's prior written consent.]

(c) Annual Delivery Schedules. No later than forty-five (45) days before (A) the first day of the first Contract Year of the Delivery Term and (B) the beginning of each calendar year for every subsequent Contract Year during the Delivery Term, Seller shall provide a non-binding forecast of

each month's average-day expected Delivered Energy, by hour, for the following calendar year.

- (d) Monthly Delivery Schedules. Ten (10) Business Days before the beginning of each month during the Delivery Term, Seller shall provide a non-binding forecast of each day's average expected Delivered Energy, by hour, for the following month ("Monthly Delivery Forecast").
- (e) Daily Delivery Schedules. By 5:30 AM Pacific Prevailing Time on the Business Day immediately preceding the date of delivery, Seller shall ***[When Seller is SC for the Project: cause its Scheduling Coordinator to]*** provide Buyer with a ***[For As-Available intermittent Product only: non-binding forecast of the Project's available capacity (or if PIRP is not available for any reason, the expected Delivered Energy)] [For all Products other than As-Available intermittent: binding forecast of the expected Delivered Energy]*** for each hour of the immediately succeeding day ("Day-Ahead Forecast") ***[For all Products other than As-Available intermittent: [When Seller is SC for the Project: concurrent with delivery to the CAISO] [When SDGE is SC for the Project: and Buyer shall submit a Schedule to the CAISO consistent with such Day-Ahead Forecast]]***. A Day-Ahead Forecast provided in a day prior to any non-Business Day(s) shall include Schedules for the immediate day, each succeeding non-Business Day and the next Business Day. Each Day-Ahead Forecast shall clearly identify, for each hour, Seller's best estimate of ***[For As-Available intermittent Product only: the Project's available capacity (or if PIRP is not available for any reason, the expected Delivered Energy)] [For all Products other than As-Available intermittent: the expected Delivered Energy]***. Seller may not change such Schedule past the deadlines provided in this section except in the event of a Forced Outage or Schedule change imposed by Buyer or the CAISO, in which case Seller shall promptly provide Buyer with a copy of any and all updates to such Schedule indicating changes from the then-current Schedule. These notices and changes to the Schedules shall be sent to Buyer's on-duty Scheduling Coordinator. If Seller fails to provide Buyer with a Day-Ahead Forecast as required herein, then for such unscheduled delivery period only Buyer shall rely on the delivery Schedule provided in the Monthly Delivery Forecast or Buyer's best estimate based on information reasonably available to Buyer and Seller shall be liable for Scheduling and delivery based on such Monthly Delivery Forecast or Buyer's best estimate.
- (f) Hourly Delivery Schedules. Notwithstanding anything to the contrary herein, in the event Seller makes a change to its Schedule on the actual date of delivery for any reason including Forced Outages (other than a scheduling change imposed by Buyer or CAISO) which results in a change to its deliveries (whether in part or in whole), Seller shall notify Buyer immediately by calling Buyer's on-duty Scheduling Coordinator.

Seller shall notify Buyer and the CAISO of Forced Outages in accordance with Section 3.7. Seller shall keep Buyer informed of any developments that will affect either the duration of the outage or the availability of the Project during or after the end of the outage.

3.4 Dispatch Down/Curtailment. Seller shall reduce delivery amounts as directed by the CAISO, the Participating Transmission Owner, Buyer, or a Transmission Provider during any Dispatch Down Period.

3.5 Standards of Care.

- (a) General Operation. Seller shall comply with all applicable requirements of Law, the CAISO, NERC and WECC relating to the Project (including those related to construction, ownership and/or operation of the Project).
- (b) CAISO and WECC Standards. Each Party shall perform all generation, scheduling and transmission services in compliance with all applicable (i) operating policies, criteria, rules, guidelines, tariffs and protocols of the CAISO, (ii) WECC scheduling practices and (iii) Good Industry Practices.
- (c) Reliability Standard. Seller agrees to abide by all (i) NERC, WECC and CAISO reliability requirements, including all such reliability requirements for generator owners and generator operators, and, if applicable, CPUC General Order No.167, "Enforcement of Maintenance and Operation Standards for Electrical Generating Facilities," and (ii) all applicable requirements regarding interconnection of the Project, including the requirements of the interconnected Transmission Provider. Seller shall enter into and comply with the WECC Reliability Management System (Generator) Agreement, or successor agreement, as of the Commercial Operation Date and throughout the Delivery Term.

3.6 Metering.

- (a) CAISO Revenue Meter. All output from the Project per the terms of this Agreement must be delivered through a single CAISO revenue meter (for Aggregate Projects, each site shall be metered through a single CAISO revenue meter) and that meter must be dedicated exclusively to the Project described herein. All Product purchased under this Agreement must be measured by the Project's CAISO revenue meter(s) to be eligible for payment under this Agreement. Seller shall bear all costs relating to all metering equipment reasonably necessary to accommodate the Project. In addition, Seller hereby agrees to provide all meter data to Buyer in a form acceptable to Buyer, and consents to Buyer obtaining from the CAISO the CAISO meter data applicable to the Project and all inspection, testing and calibration data and reports. Seller shall grant Buyer the right to retrieve the meter reads from the CAISO

meter reporting website and/or directly from the CAISO meter(s) at the Project site. If the CAISO makes any adjustment to any CAISO meter data for a given time period, Seller agrees that it shall submit revised monthly invoices, pursuant to Section 6.2, covering the entire applicable time period in order to conform fully such adjustments to the meter data. Seller shall submit any such revised invoice no later than thirty (30) days from the date on which the CAISO provides to Seller such binding adjustment to the meter data.

(i) Testing and Calibration. Seller shall perform or cause to be performed, at its expense, annual testing and calibration of the electric meters in accordance with Good Industry Practice and the CAISO Tariff. Seller shall give Buyer reasonable advance notice of any inspection, testing or calibration of the electric meters. Buyer shall have the right to have a representative or designee present at such inspection, test or calibration of the electric meters. Buyer shall have the right to require, at Buyer's expense, except as required below, a test of any of the electric meters not more often than two (2) times every twelve (12) months.

(ii) Inaccurate Meters. If any of the electric meters is deemed to be inaccurate under the Meter Service Agreement, deliveries shall be measured by reference to Seller's check-meters, if any are installed and registering accurately, or the meter readings for the period of inaccuracy shall be adjusted as far as can be reasonably ascertained by Seller from the best available data, subject to review and approval by Buyer. If the period of the inaccuracy cannot be ascertained reasonably, any such adjustment shall be for a period equal to one-half of the time elapsed since the preceding test by applying the percentage of inaccuracy so found. Seller shall promptly cause such electric meters to be corrected and, where such inaccuracy was determined pursuant to a test required by Buyer, Seller shall bear the expense of any such test.

(iii) Delivered MWh Adjustments. In the event that, due to correction for inaccurate electric meters deemed to be inaccurate under the Meter Service Agreement, the Delivered Energy is increased or decreased, the revised Delivered Energy shall be used for purposes of calculating payments. If any of such amounts for any period have already been calculated using the previous amount of Delivered Energy, they shall be recalculated using the revised amount of Delivered Energy. If the recalculation changes the amount payable for the period in question, revised payments shall be made by Buyer or Seller, as applicable, in accordance with Section 6.2.

(b) Real Time Telemetry. Seller shall install, activate and maintain metering, communication and telemetry equipment for the Project in a centralized system to which Buyer shall have real time access. Seller shall link its system to Buyer via an approved Buyer communication network, utilizing existing industry standard network protocol, as reasonably approved by Buyer. Seller shall correct any problems with such equipment as soon as practicable.

(c) *[The following section is for ~~As Available Intermittent Products~~ only PIRP Participants when SDG&E is the SC for the Project]* Meteorological Station. Seller, at its own expense, shall install and

maintain such stand-alone meteorological stations at the Project (and, for Aggregate Projects, at each site) as may be required under PIRP and the CAISO Tariff to monitor and report weather data to both the CAISO and Buyer's weather station data collection system. Each station shall be equipped with instruments and equipment that meet the specifications of PIRP and shall measure, collect, record, format, and communicate the data required under PIRP. Seller shall submit to Buyer for review and approval, which shall not be unreasonably withheld, its technical specifications for the meteorological station along with a site plan showing the location of the station within the Project. Seller shall correct any problems with such equipment as soon as practicable.

3.7 Outage Notification.

- (a) Planned Outages. Seller shall schedule Planned Outages for the Project in accordance with Good Industry Practices and with the prior written consent of Buyer, which consent may not be unreasonably withheld or conditioned. The Parties acknowledge that in all circumstances, Good Industry Practices shall dictate when Planned Outages should occur. Seller shall notify Buyer of its proposed Planned Outage schedule for the Project for the following calendar year by submitting a written Planned Outage schedule no later than October ^{1st} of each year during the Delivery Term. The Planned Outage schedule is subject to Buyer's approval, which approval may not be unreasonably withheld or conditioned. Buyer shall promptly respond with its approval or with reasonable modifications to the Planned Outage schedule and Seller shall use its best efforts in accordance with Good Industry Practices to accommodate Buyer's requested modifications. Notwithstanding the submission of the Planned Outage schedule described above, Seller shall also submit a completed Outage Notification Form to Buyer no later than fourteen (14) days prior to each Planned Outage and all appropriate outage information or requests to the CAISO in accordance with the CAISO Tariff. Seller shall contact Buyer with any requested changes to the Planned Outage schedule if Seller believes the Project must be shut down to conduct maintenance that cannot be delayed until the next scheduled Planned Outage consistent with Good Industry Practices. Seller shall not change its Planned Outage schedule without Buyer's approval, not to be unreasonably withheld or conditioned. Seller shall use its best efforts in accordance with Good Industry Practices not to schedule Planned Outages during the months of July, August, September and October. At Buyer's request, Seller shall use commercially reasonable efforts to reschedule Planned Outage so that it may deliver Product during CAISO declared or threatened emergency periods. Seller shall not substitute Energy from any other source for the output of the Project during a Planned Outage.

- (b) Forced Outages. Within *[When Seller is the SC for the Project: Within two hours of any Forced Outage,] [When SDG&E is the SC for the Project: Within one-half of the notification time prescribed under the CAISO Tariff for Forced Outages,]* Seller shall submit a completed Outage Notification Form to the Buyer in accordance with the instructions shown on the form and shall submit outage information to the CAISO in accordance with the CAISO Tariff *[When SDG&E is the SC for the Project: and Section 3.3(b)(ii) above]*. Seller shall not substitute Energy from any other source for the output of the Project during a Forced Outage.
- (c) Coordination with CAISO. Seller shall be responsible *[When SDG&E is SC for the Project: in accordance with Section 3.3(b)(ii)]* for all outage coordination communications with the CAISO. Buyer shall cooperate with Seller in arranging and coordinating all Project outages with the CAISO.

3.8 Operations Logs and Access Rights.

- (a) Operations Logs. Seller shall maintain a complete and accurate log of all material operations and maintenance information on a daily basis. Such log shall include, but not be limited to, information on power production, fuel consumption, efficiency, availability, maintenance performed, outages, results of inspections, manufacturer recommended services, replacements, electrical characteristics of the generators, control settings or adjustments of equipment and protective devices. Seller shall maintain this information for at least two (2) years and shall provide this information electronically to Buyer within one day of Buyer's request.
- (b) Access Rights. Buyer, its authorized agents, employees and inspectors shall have the right of ingress to and egress from the Project during normal business hours upon reasonable advance Notice and for any purposes reasonably connected with this Agreement.

3.9 *[For existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement delete Section 3.9 and replace with "Reserved"] New Generation Facility.*

- (a) Project Development. Seller, at no cost to Buyer, shall:
 - (i) Design and construct the Project.
 - (ii) Perform all studies, pay all fees, obtain all necessary approvals and execute all necessary agreements with the CAISO and the Participating Transmission Owner for the Electrical Interconnection Upgrades to Schedule and deliver the Product from the Project *[For FCDS bids, insert: "under "Full Capacity Deliverability Status" (as defined in the CAISO Tariff), except when construction of deliverability Network Upgrades is not required under Section 3.1(j)"]*.

(iii) Acquire all Governmental Approvals and other approvals necessary for the construction, operation, and maintenance of the Project.

(iv) Complete all environmental impact studies necessary for the construction, operation, and maintenance of the Project, including all environmental analysis required under the California Environmental Quality Act for the Project and related interconnection facilities.

(v) At Buyer's request, provide to Buyer Seller's electrical specifications and design drawings pertaining to the Project.

(vi) Within fifteen (15) days after the close of ~~each calendar quarter~~ the sixth month following the Execution Date until the Commercial Operation Date, provide to Buyer a Semiannual Progress Report and agree to regularly scheduled meetings between representatives of Buyer and Seller to review such reports and discuss Seller's construction progress. The Semiannual Progress Report shall identify the Milestones and indicate whether Seller has met or is on target to meet such Milestones.

(vii) Provide access to Buyer, its authorized agents, employees and inspectors for purpose of inspecting the Project's construction site or on-site Seller data and information pertaining to the Project during normal business hours upon reasonable advance Notice.

(b) Construction Milestones. ~~Construction Milestones.~~

(i) The Parties agree time is of the essence in regards to this Agreement. As such, the Parties also agree certain milestones for the construction of the Project as set forth in the Milestone schedule attached hereto as Exhibit B ("Milestones") must be achieved in a timely fashion.

(ii) Within seven (7) days after completion of each Milestone, Seller shall provide Buyer with Notice along with accompanying documentation (including reasonably redacted copies of applicable agreements, Governmental Approvals, and certificates) to reasonably demonstrate the achievement of such Milestone. If Seller misses the deadline date for three (3) or more Milestones or misses the deadline date for any one Milestone by more than ninety (90) days, Seller shall submit to Buyer, within ten (10) Business Days of such missed Milestone completion date, a remedial action plan ("Remedial Action Plan") that describes in detail a reasonable course of action and plan (including accelerating the work, for example, by using additional shifts, overtime, additional crews or resequencing of the work, as applicable) to achieve the missed Milestones and all subsequent Milestones no later than the end of the Project Cure Period; provided, that delivery of any Remedial Action Plan shall not relieve Seller of its obligation to meet any subsequent Milestones and the Guaranteed Commercial Operation Date.

(c) Guaranteed Commercial Operation.

(i) COD. Seller shall cause the Project to achieve the Commercial Operation Date by the Guaranteed Commercial Operation Date, unless extended in accordance with Section 3.9(c)(ii).

(ii) Extensions. The Guaranteed Commercial Operation Date may be extended one time for no more than a six (6) month period (the “Project Cure Period”) for cumulative delays if Seller demonstrates to Buyer’s reasonable satisfaction after giving written notice as soon as reasonably possible but at least at sixty (60) days prior to the original Guaranteed Commercial Operation Date, which includes a feasible remedial action plan, that:

(A) if Seller has used commercially reasonable efforts (including but not limited to Seller’s timely filing of required documents and payment of all applicable fees) to obtain permits necessary for the construction and operation of the Project, but is unable to obtain such permits due to delays beyond Seller’s reasonable control;

(B) if Seller has used commercially reasonable efforts (including but not limited to Seller’s timely filing of required documents and payment of all applicable fees) to have the Project physically interconnected to the CAISO Grid, or to the Participating Transmission Owner’s distribution system, as applicable, and to complete all Electrical Interconnection Upgrades needed, if any, in order to interconnect the Project, as required herein, to the CAISO Grid, but fails to secure any necessary commitments from CAISO or the Participating Transmission Owner for such interconnection and upgrades due to delays beyond Seller’s reasonable control; or

(C) in the event of Force Majeure without regard to delays described in Section (A) or (B) above; provided that Seller works diligently to resolve the effect of the Force Majeure and provides evidence of its efforts promptly to Buyer upon Buyer’s written request.

3.10 Operating Procedures. No later than forty-five (45) days before the Commercial Operation Date, and from time to time as reasonably determined necessary by the Parties, the Parties shall meet to address how each Party will perform its respective obligations under this Agreement; provided, that the failure to agree on these operating procedures will not relieve the Parties of their respective obligations under this Agreement, and any failure to agree shall be resolved in accordance with the dispute resolution procedures in Article 12.

ARTICLE FOUR: COMPENSATION; MONTHLY PAYMENTS

4.1 Energy Payment.

(a) Energy Price. The price for each MWh of *[When Seller is SC for the Project or when Buyer is SC but Project is not PIRP eligible: Contract Energy] [When SDG&E is SC for the Project and Project is PIRP eligible: Delivered Energy]* in each Contract Year shall be as follows (“Energy Price”):

<u>Contract Year</u>	<u>Energy Price (\$/MWh)</u>
1	
2	

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(b) ***[For FCDS bids only: TOD Factors and TOD Periods.*** In accordance with all other terms of this Article 4, the Energy Price shall be adjusted by the following Time of Delivery Factors (“TOD Factors”) for each of the specified Time of Delivery Periods listed in the first column (“TOD Periods”) in which Energy is delivered.]

TOD Period	Period Days and Hours	Time-of-day Factor
Winter On-Peak	Nov 1 - Jun 30 Weekdays 1 pm to 9 pm PST (HE 14 to HE 21)	1.089
Winter Semi-Peak	Nov 1 - Jun 30 Weekdays 6 am to 1 pm PST (HE 7 to HE 13) Weekdays 9 pm to 10 pm PST (HE 22)	0.947
Winter Off-Peak	Nov 1 - Jun 30 All Weekend Hours NERC Holiday Hours and Weekday Hours not already considered On-Peak or Semi-Peak	0.679
Summer On-Peak	Jul 1 - Oct 31 Weekdays 11 am to 7 pm PST (HE 12 to HE 19)	2.501

Summer Semi-Peak	Jul 1 - Oct 31 Weekdays 6 am to 11 am PST (HE 7 to HE 11) Weekdays 7 pm to 10 pm PST (HE 20 to HE 22)	1.342
Summer Off-Peak	Jul 1 - Oct 31 All Weekend Hours, NERC Holiday Hours and Weekday Hours not already considered On-Peak or Semi-Peak	0.801

[For Energy Only bids: TOD Factors and TOD Periods. In accordance with all other terms of this Article 4, the Energy Price shall be adjusted by the following Time of Delivery Factors (“TOD Factors”) for each of the specified Time of Delivery Periods listed in the first column (“TOD Periods”) in which Energy is delivered:]

TOD Period	Period Days and Hours	Energy Only Time-of-d ay Factor
Winter On-Peak	Nov 1 - Jun 30 Weekdays 1 pm to 9 pm PST (HE 14 to HE 21)	1.192
Winter Semi-Peak	Nov 1 - Jun 30 Weekdays 6 am to 1 pm PST (HE 7 to HE 13) Weekdays 9 pm to 10 pm PST (HE 22)	1.078
Winter Off-Peak	Nov 1 - Jun 30 All Weekend Hours NERC Holiday Hours and Weekday Hours not already considered On-Peak or Semi-Peak	0.774
Summer On-Peak	Jul 1 - Oct 31 Weekdays 11 am to 7 pm PST (HE 12 to HE 19)	1.531
Summer Semi-Peak	Jul 1 - Oct 31 Weekdays 6 am to 11 am PST (HE 7 to HE 11) Weekdays 7 pm to 10 pm PST (HE 20 to HE 22)	1.181
Summer Off-Peak	Jul 1 - Oct 31 All Weekend Hours, NERC Holiday Hours and Weekday Hours not already considered On-Peak or Semi-Peak	0.900

- (c) *[For FCDS bids: Monthly Energy Payment. For each month during which ~~Buyer~~Seller has achieved “Full Capacity Deliverability Status”, as defined in the CAISO Tariff (“FCDS”) as determined by the CAISO, Buyer shall pay Seller for the Product an amount equal to the sum for each hour in the month of the product of the Energy Price times the TOD Factor for the applicable TOD Period times the [When Seller is SC for the Project or when Buyer is SC but Project is not in PIRP: Contract Energy] [When SDG&E is SC for the Project and Project is PIRP eligible: Delivered Energy] in each hour (“Monthly Energy Payment”).*

For each month during which ~~Buyer~~Seller has not achieved FCDS as determined by the CAISO, Buyer shall pay Seller for the Product an amount equal to the sum for each hour in the month of the product of the Energy Price minus the \$/MWh equal to the Deliverability Value as defined in the RAM RFO document (“Deliverability Value”) times the TOD Factor for the applicable TOD Period times the [When Seller is SC for the Project or when Buyer is SC but Project is not PIRP eligible: Contract Energy] [When SDG&E is SC for the Project and Project is PIRP eligible: Delivered Energy] in each hour ~~minus [\$/MWh equal to the Deliverability Value as defined in the RAM RFO document] (“Deliverability Value”)~~(together, the “Monthly Energy Payment”).

[When Seller is SC for the Project and the Project has achieved FCDS or when Buyer is SC but Project is not PIRP eligible: Monthly Energy Payment for months that Seller has obtained FCDS = \sum Energy Price x TOD Factor x Contract Energy]

[When Seller is SC for the Project and the project has not achieved FCDS or when Buyer is SC but Project is not in PIRP: Monthly Energy Payment for months that Seller has not obtained FCDS = \sum ([Energy Price – Deliverability Value] x TOD Factor x Contract Energy) – Deliverability Value]

[When SDG&E is SC for the Project and Project is PIRP eligible and the Project has achieved FCDS: Monthly Energy Payment for months that Seller has obtained FCDS= \sum Energy Price x TOD Factor x Delivered Energy]

[When SDG&E is SC for the Project and Project is PIRP eligible and the Project has not achieved FCDS: Monthly Energy Payment for months that Seller has not obtained FCDS= \sum ([Energy Price – Deliverability Value] x TOD Factor x Delivered Energy) – Deliverability Value]

[For Energy Only bids: Monthly Energy Payment. For each month, Buyer shall pay Seller for the Product an amount equal to the sum for each hour in the month of the product of the Energy Price times the TOD Factor for the applicable TOD Period times the [When Seller is SC for the Project or when Buyer is SC but Project is not PIRP eligible: Contract Energy] [When SDG&E is SC for the Project and Project is PIRP eligible: Delivered Energy] in each hour (“Monthly Energy Payment”).

[When Seller is SC for the Project or when Buyer is SC but Project is not PIRP eligible: Monthly Energy Payment = \sum Energy Price x TOD Factor x Contract Energy]

[When SDG&E is SC for the Project and Project is PIRP eligible: Monthly Energy Payment = \sum Energy Price x TOD Factor x Delivered Energy]

(d) Excess Delivered Energy:

(i) If, during any hour during the Delivery Period, Seller delivers Delivered Energy in excess of one hundred ten percent (110%) of the Contract Capacity, then the Energy Price applicable to all such excess MWh in such hour shall be zero dollars (\$0).

(ii) (d) Excess Delivered Energy: In any Contract Year, if the amount of For all deliveries during the Delivery Period, Delivered Energy exceeds on amounts in any Contract Year that exceed one hundred and twenty-five percent (120-115%) of the annual Contract Quantity amount, for that Contract Year, shall be paid at a rate which is seventy-five percent (75%) of the Energy Price for such.

(iii) For all deliveries during the Delivery Period, Delivered Energy in excess of such amounts in any TOD Period that exceed one hundred twenty percent (120%) shall be adjusted to be seventy five percent (75%) of the Energy Price and fifteen percent (115%) of the TOD Delivery Cap listed herein for that TOD Period shall be paid at a rate which is seventy-five percent (75%) of the Energy Price.

<u>TOD Period</u>	<u>TOD Delivery Cap</u>
<u>Winter</u> <u>On-Peak: Nov 1 - Jun 30</u> <u>Weekdays 1 pm to 9 pm PST (HE 14 to HE 21)</u>	<u>[Insert number which is derived from multiply annual Contract Quantity times the TOD delivery profile ratio contained bid form]</u>
<u>Winter</u> <u>Semi-Peak: Nov 1 - Jun 30</u> <u>Weekdays 6 am to 1 pm PST (HE 7 to HE 13)</u> <u>Weekdays 9 pm to 10 pm PST (HE 22)</u>	<u>[Insert number which is derived from multiply annual Contract Quantity times the TOD delivery profile ratio contained bid form]</u>
<u>Winter</u> <u>Off-Peak: Nov 1 - Jun 30</u> <u>All weekend hours, NERC holiday hours and weekday hours not already considered On-Peak or Semi-Peak</u>	<u>[Insert number which is derived from multiply annual Contract Quantity times the TOD delivery profile ratio contained bid form]</u>
<u>Summer On-Peak: Jul 1 - Oct 31</u> <u>Weekdays 11 am to 7 pm PST (HE 12 to HE 19)</u>	<u>[Insert number which is derived from multiply annual Contract Quantity times the</u>

<u>Summer Semi-Peak:</u>	<u>TOD delivery profile</u>
<u>Jul 1 - Oct 31</u>	<u>ratio contained bid</u>
<u>Weekdays 6 am to 11 am PST (HE 7 to HE 11)</u>	<u>form]</u>
<u>Weekdays 7 pm to 10 pm PST (HE 20 to HE 22)</u>	<u>[Insert number which is</u>
	<u>derived from multiply</u>
	<u>annual Contract</u>
	<u>Quantity times the</u>
	<u>TOD delivery profile</u>
	<u>ratio contained bid</u>
	<u>form]</u>
<u>Summer Off-Peak:</u>	<u>[Insert number which is</u>
<u>Jul 1 - Oct 31</u>	<u>derived from multiply</u>
<u>All weekend hours, NERC holiday hours and weekday hours not already considered</u>	<u>annual Contract</u>
<u>On-Peak or Semi-Peak</u>	<u>Quantity times the</u>
	<u>TOD delivery profile</u>
	<u>ratio contained bid</u>
	<u>form]</u>

(iv) In relation to Section 4.1(d)(i)-4.1(d)(iii), the Energy Price shall never be less than zero dollars (\$0), and, if the Energy Price is reduced by seventy five percent (75%) pursuant to Section 4.1(d), it cannot get reduced by an additional seventy five percent (75%).

4.2 Imbalance Energy. Seller shall use commercially reasonable efforts to deliver Energy in accordance with the Scheduled Energy. Buyer and Seller recognize that from time to time the amount of Delivered Energy will deviate from the amount of Scheduled Energy. When Delivered Energy minus Scheduled Energy is a positive amount, it shall be considered “Positive Imbalance Energy;” when Delivered Energy minus Scheduled Energy is a negative amount, the absolute (i.e., positive) value of that amount shall be considered the “Negative Imbalance Energy.” ***[When Seller is SC for the Project or when Buyer is SC but Project is not PIRP eligible:*** Seller shall be responsible for settlement of Imbalance Energy with the CAISO and all fees, liabilities, assessments, or similar charges assessed by the CAISO in connection with Imbalance Energy. Seller shall also reimburse Buyer for any and all fees, liabilities, assessments, or similar charges assessed by the CAISO, incurred by Buyer as a result of any imbalance in Seller’s scheduling and deliveries from the Project or any other failure by Seller to abide by the CAISO Tariff and all applicable protocols.] Buyer and Seller shall cooperate to minimize charges and imbalances associated with Imbalance Energy to the extent possible. Seller shall promptly notify Buyer as soon as possible of any material imbalance that is occurring or has occurred. ***[When SDG&E is SC for the Project and Project is PIRP eligible:*** Buyer shall receive all Green Attributes for the Positive Imbalance Energy in all settlement intervals regardless as to whether it was sold into the CAISO.]

[When Seller is SC for the Project or when Buyer is SC but Project is not PIRP eligible, include the following three paragraphs:

- (a) Positive Imbalance Energy (Over Deliveries). *[For As-Available Product PIRP Participants only:* In the event that Delivered Energy for such month is equal to or greater than Scheduled Energy for such month, Buyer shall have no payment obligation in respect of the Positive Imbalance Energy. Buyer shall receive all Green Attributes for the Positive Imbalance Energy in such month regardless as to whether it was sold into the CAISO. Seller shall be entitled to all payments or credits from the CAISO to Seller’s SC in respect of the Positive Imbalance Energy.] *[For all Non-PIRP Participants:* In the event that Delivered Energy for any CAISO settlement interval is equal to or greater than Scheduled Energy for such CAISO settlement interval, Buyer shall have no payment obligation in respect of the Positive Imbalance Energy. Buyer shall receive all Green Attributes for the Positive Imbalance Energy in such CAISO settlement interval regardless as to whether it was sold into the CAISO. Seller shall be entitled to all payments or credits from the CAISO to Seller’s SC in respect of the Positive Imbalance Energy.]
- (b) Negative Imbalance Energy (Under Deliveries). *[For As-Available Product PIRP Participants only:* In the event that Delivered Energy for such month is less than Scheduled Energy for such month, Buyer shall pay Seller, in addition to the Monthly Energy Payment, an amount equal to the product of (i) the Negative Imbalance Energy for the month, times (ii) the lower of the Energy Price (without any TOD Factor correction) or the Imbalance Price (defined below) for the month. Seller shall make all payments to the CAISO in respect of the Negative Imbalance Energy required under the CAISO Tariff. The “Imbalance Price” shall be the monthly average imbalance price applied by the CAISO and paid by the Seller with respect to imbalance charges for participants in PIRP]. *[For all Non-PIRP Participants:* In the event that Delivered Energy for any CAISO settlement interval is less than Scheduled Energy for such CAISO settlement interval, Buyer shall have no payment obligation in respect of the Negative Imbalance Energy. Seller shall make all payments to the CAISO in respect of the Negative Imbalance Energy required under the CAISO Tariff.]
- (c) *[For As-Available Product PIRP Participants only:* Invoicing for Imbalance Energy. For monthly invoicing, Seller and Buyer agree to use the last available Imbalance Price. Beginning with the first month’s invoice following the month in which the actual Imbalance Price becomes available for the applicable month, there shall be a true-up adjustment in the next monthly invoice for the Imbalance Price payable in respect of the Imbalance Energy for the applicable month.]

4.3 Additional Compensation. To the extent not otherwise provided for in this Agreement, in the event that Seller is compensated by a third party for any Product produced by the Project, including, but not limited to, compensation for *[For FCDS bids: Resource Adequacy or] Green*

Attributes, Seller shall remit all such compensation directly to Buyer; provided that for avoidance of doubt, nothing herein precludes Seller from retaining credits related to transmission upgrades funded by Seller.

4.4 *[Delete and replace with "Reserved" for existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement: Energy Sales Prior to Commercial Operation Date.* Prior to Commercial Operation and Seller obtaining EIRP certification for the Project, Buyer shall pay Seller an amount equal to the sum for each hour of the product of 75% of the Monthly Energy Price Payment in Contract Year 1 multiplied by the TOD Factor multiplied by the test energy delivered by Seller and received by Buyer in each hour at the Delivery Point, so long as such amount is 1MW or more.

ARTICLE FIVE: EVENTS OF DEFAULT; FORCE MAJEURE

5.1 Events of Default. An "Event of Default" shall mean,

- (a) with respect to a Party that is subject to the Event of Default the occurrence of any of the following
 - (i) the failure by such Party to make, when due, any payment required pursuant to this Agreement and such failure is not remedied within five (5) Business Days after Notice thereof;
 - (ii) any representation or warranty made by such Party herein is false or misleading in any material respect when made or when deemed made or repeated, and such default is not remedied within thirty (30) days after Notice thereof;
 - (iii) the failure by such Party to perform any material covenant or obligation set forth in this Agreement (except to the extent constituting a separate Event of Default, and except for such Party's obligations to Schedule, deliver, or receive the Product, the exclusive remedy for which is provided in Section 3.1(h)) and such failure is not remedied within thirty (30) days after Notice thereof;
 - (iv) such Party becomes Bankrupt;
 - (v) such Party assigns this Agreement or any of its rights hereunder other than in compliance with Section 13.2; or
 - (vi) such Party consolidates or amalgamates with, or merges with or into, or transfers all or substantially all of its assets to, another entity and, at the time of such consolidation, amalgamation, merger or transfer, the resulting, surviving or transferee entity fails to assume all the obligations of such Party under this Agreement to which it or its predecessor was a party by operation of Law or pursuant to an agreement reasonably satisfactory to the other Party.
- (b) with respect to Seller as the Defaulting Party, the occurrence of any of the following:

(i) if at any time, Seller delivers or attempts to deliver to the Delivery Point for sale under this Agreement Energy that was not generated by the Project;

(ii) the failure by Seller to achieve the Commercial Operation Date [For existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement, delete: no later than the end of the Project Cure Period;]

(iii) the failure by Seller to achieve the Guaranteed Energy Production requirement during any Performance Measurement Period as set forth in Section 3.1(e) of this Agreement;

(iv) the failure by Seller to deliver a Remedial Action Plan that reasonably demonstrates in detail how Seller will achieve the Commercial Operation Date [within the Project Cure Period, if such failure is not remedied within ten (10) days after Notice; [For existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement, delete and replace with "Reserved."]

(v) failure by Seller to satisfy the collateral requirements pursuant to Sections 8.3 or 8.4 of this Agreement; or

(vi) with respect to any outstanding Letter of Credit provided for the benefit of Buyer that is not then required under this Agreement to be canceled or returned, the failure by Seller to provide for the benefit of Buyer either (1) cash, or (2) a substitute Letter of Credit from a different issuer meeting the criteria set forth in the definition of Letter of Credit, in each case, in the amount required hereunder within five (5) Business Days after Seller receives Notice of the occurrence of any of the following events:

(A) the issuer of the outstanding Letter of Credit shall fail to maintain a Credit Rating of at least "A-" by S&P or "A3" by Moody's;

(B) the issuer of such Letter of Credit becomes Bankrupt;

(C) the issuer of the outstanding Letter of Credit shall fail to comply with or perform its obligations under such Letter of Credit and such failure shall be continuing after the lapse of any applicable grace period permitted under such Letter of Credit;

(D) the issuer of the outstanding Letter of Credit shall fail to honor a properly documented request to draw on such Letter of Credit;

(E) the issuer of the outstanding Letter of Credit shall disaffirm, disclaim, repudiate or reject, in whole or in part, or challenge the validity of, such Letter of Credit;

(F) such Letter of Credit fails or ceases to be in full force and effect at any time; or

(G) Seller shall fail to renew or cause the renewal of each outstanding Letter of Credit on a timely basis as provided in the relevant Letter of Credit and as

provided in accordance with this Agreement, and in no event less than sixty (60) days prior to the expiration of the outstanding Letter of Credit.

5.2 Remedies; Declaration of Early Termination Date. If an Event of Default with respect to a Defaulting Party shall have occurred and be continuing, the other Party (“Non-Defaulting Party”) shall have the right (a) to send Notice, designating a day, no earlier than the day such Notice is deemed to be received and no later than twenty (20) days after such Notice is deemed to be received, as an early termination date of this Agreement (“Early Termination Date”) that terminates this Agreement and ends the Delivery Term effective as of the Early Termination Date, to accelerate all amounts owing between the Parties, and to collect liquidated damages calculated in accordance with Section 5.3 below (“Termination Payment”); (b) to withhold any payments due to the Defaulting Party under this Agreement; (c) to suspend performance; and (d) to exercise any other right or remedy available at law or in equity, including specific performance or injunctive relief, except to the extent such remedies are expressly limited under this Agreement.

5.3 Termination Payment. The Termination Payment for a Terminated Transaction shall be the aggregate of all Settlement Amounts plus any or all other amounts due to the Non-Defaulting Party netted into a single amount. Except in the case of a termination of this Agreement by the Non-Defaulting Party solely as a result of an Event of Default by the Defaulting Party under Section 5.1(a)(iv) [Bankruptcy], if the Non-Defaulting Party’s aggregate Gains exceed its aggregate Losses and Costs, if any, resulting from the termination of this Agreement, the Termination Payment shall be zero. The Non-Defaulting Party shall calculate, in a commercially reasonable manner, a Settlement Amount for the Terminated Transaction as of the Early Termination Date. Third parties supplying information for purposes of the calculation of Gains or Losses may include, without limitation, dealers in the relevant markets, end-users of the relevant product, information vendors and other sources of market information. The Settlement Amount shall not include consequential, incidental, punitive, exemplary, indirect or business interruption damages; provided, however, that any lost Capacity Attributes and Green Attributes shall be deemed direct damages covered by this Agreement. Without prejudice to the Non-Defaulting Party’s duty to mitigate, the Non-Defaulting Party shall not have to enter into replacement transactions to establish a Settlement Amount. Each Party agrees and acknowledges that (a) the actual damages that the Non-Defaulting Party would incur in connection with a Terminated Transaction would be difficult or impossible to predict with certainty, (b) the Termination Payment described in this section is a reasonable and appropriate approximation of such damages, and (c) the Termination Payment described in this section is the exclusive remedy of the Non-Defaulting Party in connection with a Terminated Transaction but shall not otherwise act to limit any of the Non-Defaulting Party’s rights or remedies if the Non-Defaulting Party does not elect a Terminated Transaction as its remedy for an Event of Default by the Defaulting Party.

5.4 Notice of Payment of Termination Payment. As soon as practicable after a Terminated Transaction, Notice shall be given by the Non-Defaulting Party to the Defaulting Party of the amount of the Termination Payment and whether the Termination Payment is due to the Non-Defaulting Party. The Notice shall include a written statement explaining in reasonable detail the calculation of such amount and the sources for such calculation. The Termination Payment shall be made to the Non-Defaulting Party, as applicable, within ten (10) Business Days after such Notice is effective.

5.5 Disputes With Respect to Termination Payment. If the Defaulting Party disputes the Non-Defaulting Party's calculation of the Termination Payment, in whole or in part, the Defaulting Party shall, within five (5) Business Days of receipt of the Non-Defaulting Party's calculation of the Termination Payment, provide to the Non-Defaulting Party a detailed written explanation of the basis for such dispute. Disputes regarding the Termination Payment shall be determined in accordance with Article 12.

5.6 Rights And Remedies Are Cumulative. Except where liquidated damages are provided as the exclusive remedy, the rights and remedies of a Party pursuant to this Article 5 shall be cumulative and in addition to the rights of the Parties otherwise provided in this Agreement.

5.7 Mitigation. Any Non-Defaulting Party shall be obligated to mitigate its Costs, losses and damages resulting from any Event of Default of the other Party under this Agreement.

5.8 Force Majeure. To the extent either Party is prevented by Force Majeure from carrying out, in whole or part, its obligations under this Agreement and such Party gives Notice and details of the Force Majeure to the other Party as detailed below, then, the Party impacted by Force Majeure shall be excused from the performance of its obligations to the extent impacted. Within forty-eight (48) hours of commencement of an event of Force Majeure, the non-performing Party shall provide the other Party with oral notice of the event of Force Majeure, and within two (2) weeks of the commencement of an event of Force Majeure the non-performing Party shall provide the other Party with Notice in the form of a letter describing in detail the particulars of the occurrence giving rise to the Force Majeure claim. Seller shall not substitute Product from any other source for the output of the Project during an outage resulting from Force Majeure. The suspension of performance due to a claim of Force Majeure must be of no greater scope and of no longer duration than is required by the Force Majeure. Buyer shall not be required to make any payments for any Product that Seller fails to Schedule, deliver or provide as a result of Force Majeure during the term of a Force Majeure. This Agreement may be terminated by the non-claiming Party with no further obligation to the Party impacted by Force Majeure if a Force Majeure event prevents the performance of a material portion of the obligations hereunder and such Force Majeure event is not resolved within eight (8) months after the commencement of such Force Majeure event.

ARTICLE SIX: PAYMENT

6.1 Billing and Payment. On or about the tenth (10th) day of each month beginning with the second month of the first Contract Year and every month thereafter, and continuing through and including the first month following the end of the Delivery Term, Buyer shall provide to Seller an invoice covering the services provided in the preceding month determined in accordance with Article 4 (which may include preceding months), with all component charges and unit prices identified and all calculations used to arrive at invoiced amounts described in reasonable detail. Buyer shall pay the undisputed amount of such invoices on or before thirty (30) days after date of the invoice. If either the invoice date or payment date is not a Business Day, then such invoice or payment shall be provided on the next following Business Day. 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 undisputed amounts not paid by the due date will be deemed delinquent and will accrue interest at the Default Rate, such interest to be calculated from

and including the due date to but excluding the date the delinquent amount is paid in full. Invoices may be sent by facsimile or e-mail.

6.2 Disputes and Adjustments of Invoices. A Party may, in good faith, dispute the correctness of any invoice or any adjustment to an invoice, rendered under this Agreement or adjust any invoice for any arithmetic or computational error within twelve (12) months of the date the invoice, or adjustment to an invoice, was rendered. In the event an invoice or portion thereof, or any other claim or adjustment arising hereunder, is disputed, payment of the undisputed portion of the invoice shall be required to be made when due. Any invoice dispute or invoice adjustment shall be in writing and shall state the basis for the dispute or adjustment. Payment of the disputed amount shall not be required until the dispute is resolved. Upon resolution of the dispute, any required payment shall be made within two (2) Business Days of such resolution along with interest accrued at the Default Rate from and including the original due date to but excluding the date paid. Inadvertent overpayments shall be returned upon request or deducted by the Party receiving such overpayment from subsequent payments, with interest accrued at the Interest Rate from and including the date of such overpayment to but excluding the date repaid or deducted by the Party receiving such overpayment. Any dispute with respect to an invoice is waived if the other Party is not notified in accordance with this Section 6.2 within twelve (12) months after the invoice is rendered or subsequently adjusted, except to the extent any misinformation was from a third party not Affiliated with any Party and such third party corrects its information after the twelve-month period. If an invoice is not rendered within twelve (12) months after the close of the month during which performance occurred, the right to payment for such performance is waived.

6.3 Netting of Payments. The Parties hereby agree that they shall discharge mutual debts and payment obligations due and owing to each other on the same date through netting, in which case all amounts owed by each Party to the other Party for the purchase and sale of Product during the monthly billing period under this Agreement, including any related damages calculated pursuant to Section 3.1(h), interest, and payments or credits, shall be netted so that only the excess amount remaining due shall be paid by the Party who owes it.

ARTICLE SEVEN: LIMITATIONS

7.1 Limitation of Remedies, Liability and Damages. EXCEPT AS SET FORTH HEREIN, THERE IS NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND ANY AND ALL IMPLIED WARRANTIES ARE DISCLAIMED. THE PARTIES CONFIRM THAT THE EXPRESS REMEDIES AND MEASURES OF DAMAGES PROVIDED IN THIS AGREEMENT SATISFY THE ESSENTIAL PURPOSES HEREOF. FOR BREACH OF ANY PROVISION FOR WHICH AN EXPRESS REMEDY OR MEASURE OF DAMAGES IS PROVIDED, SUCH EXPRESS REMEDY OR MEASURE OF DAMAGES SHALL BE THE SOLE AND EXCLUSIVE REMEDY, THE OBLIGOR'S LIABILITY SHALL BE LIMITED AS SET FORTH IN SUCH PROVISION AND ALL OTHER REMEDIES OR DAMAGES AT LAW OR IN EQUITY ARE WAIVED, UNLESS THE PROVISION IN QUESTION PROVIDES THAT THE EXPRESS REMEDIES ARE IN ADDITION TO OTHER REMEDIES THAT MAY BE AVAILABLE. EXCEPT FOR A PARTY'S INDEMNITY OBLIGATION IN RESPECT OF THIRD PARTY CLAIMS OR AS OTHERWISE EXPRESSLY HEREIN PROVIDED, NEITHER PARTY SHALL BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, PUNITIVE, EXEMPLARY OR

INDIRECT DAMAGES, LOST PROFITS OR OTHER BUSINESS INTERRUPTION DAMAGES, BY STATUTE, IN TORT OR CONTRACT, UNDER ANY INDEMNITY PROVISION OR OTHERWISE. UNLESS EXPRESSLY HEREIN PROVIDED, AND SUBJECT TO THE PROVISIONS OF SECTION 11.2 (INDEMNITIES), IT IS THE INTENT OF THE PARTIES THAT THE LIMITATIONS HEREIN IMPOSED ON REMEDIES AND THE MEASURE OF DAMAGES BE WITHOUT REGARD TO THE CAUSE OR CAUSES RELATED THERETO, INCLUDING THE NEGLIGENCE OF ANY PARTY, WHETHER SUCH NEGLIGENCE BE SOLE, JOINT OR CONCURRENT, OR ACTIVE OR PASSIVE. TO THE EXTENT ANY DAMAGES REQUIRED TO BE PAID HEREUNDER ARE LIQUIDATED, THE PARTIES ACKNOWLEDGE THAT THE DAMAGES ARE DIFFICULT OR IMPOSSIBLE TO DETERMINE, OR OTHERWISE OBTAINING AN ADEQUATE REMEDY IS INCONVENIENT AND THE DAMAGES CALCULATED HEREUNDER CONSTITUTE A REASONABLE APPROXIMATION OF THE HARM OR LOSS.

ARTICLE EIGHT: INSURANCE/ CREDIT AND COLLATERAL REQUIREMENTS

8.1 Insurance. In connection with Seller's performance of its duties and obligations under this Agreement, Producer shall maintain, from the CP Satisfaction date until the end of the term of this Agreement, insurance in accordance with Exhibit E.

8.2 Grant of Security Interest/Remedies. To secure its obligations under this Agreement and to the extent Seller delivers Performance Assurance hereunder, Seller hereby grants to Buyer a present and continuing first priority security interest in, and lien on (and right of setoff against), and assignment of, all cash collateral and cash equivalent collateral and any and all proceeds resulting therefrom or the liquidation thereof, whether now or hereafter held by, on behalf of, or for the benefit of, Buyer, and each Party agrees to take such action as the other Party reasonably requires in order to perfect the Buyer's first-priority security interest in, and lien on (and right of setoff against), such collateral and any and all proceeds resulting therefrom or from the liquidation thereof. Upon or any time after the occurrence and during the continuation of an Event of Default by Seller or an Early Termination Date as a result thereof, Buyer may do any one or more of the following: (i) exercise any of the rights and remedies of a secured party with respect to all Performance Assurance, including any such rights and remedies under Law then in effect; (ii) exercise its rights of setoff against such collateral and any and all proceeds resulting therefrom or from the liquidation thereof; (iii) draw on any outstanding Letter of Credit issued for its benefit; and (iv) liquidate all or any portion of any Performance Assurance then held by or for the benefit of Buyer free from any claim or right of any nature whatsoever of Seller, including any equity or right of purchase or redemption by Seller. Buyer shall apply the proceeds of the collateral realized upon the exercise of any such rights or remedies to reduce the Seller's obligations under the Agreement (Seller remaining liable for any amounts owing to Buyer after such application), subject to Buyer's obligation to return any surplus proceeds remaining after such obligations are satisfied in full.

8.3 Performance Assurance.

- (a) Development Period Security and Delivery Term Security. To secure its obligations under this Agreement Seller agrees to deliver to Buyer and maintain in full force and effect for the period set forth below, the following Performance Assurance:

(i) Development Period Security in the amount of ~~[\$20/kW for projects 5 MW and smaller, \$60/kW for intermittent projects greater than 5 MW and up to 20 MW, and \$90/kW for baseload projects greater than 5 MW and up to 20 MW]~~ in the form of cash or a Letter of Credit from the Execution Date of this Agreement until the return date specified in Section 8.48.3(b)(i) below; and

(ii) Delivery Term Security in the amount of ~~[\$20/kW for projects 5 MW and smaller, and~~Insert amount which is 5% of expected total project revenues for projects greater than 5 MW]over the Delivery Term] in the form of cash or a Letter of Credit from the commencement of the Delivery Term until the return date specified in Section 8.48.3(b)~~[(i)/(ii)]~~ below.

Except as set forth in Section 2.2 as it pertains to the Development Period Security, any such Performance Assurance shall not be deemed a limitation of damages.

(b) Return of Performance Assurance.

(i) Buyer shall promptly return to Seller the unused portion of the Development Period Security after the earlier of (A) the date on which Seller has delivered the Delivery Term Security, and (B) termination of the Agreement by either Party under Section 2.4(b)(ii).

(ii) Buyer shall promptly return to Seller the unused portion of the Delivery Term Security after the following have occurred: (A) the Delivery Term has expired or terminated early; and (B) all payment obligations of the Seller arising under this Agreement, including compensation for penalties, Termination Payment, indemnification payments or other damages are paid in full (whether directly or indirectly such as through set-off or netting).

8.4 Interest on Cash. If Seller provides Performance Assurance in the form of cash, Buyer shall pay interest on such cash held as Development Period Security or Delivery Term Security, as applicable, at the Interest Rate. On or before each Interest Payment Date, Buyer shall transfer the sum of all accrued and unpaid Interest Amounts due to Seller for such security in the form of cash by wire transfer to the bank account specified under “Wire Transfer” in the Cover Sheet.

8.5 Costs of Letter of Credit. If Seller provides Performance Assurance in the form of a Letter of Credit, in all cases, the reasonable costs and expenses of (including but not limited to the reasonable costs, expenses, and attorneys’ fees, including reasonably allocated costs of in-house counsel of the Buyer) establishing, renewing, substituting, canceling, increasing and reducing the amount of (as the case may be) one or more Letters of Credit shall be borne by the Seller.

ARTICLE NINE: GOVERNMENTAL CHARGES

9.1 Cooperation. Each Party shall use reasonable efforts to implement the provisions of and to administer this Agreement in accordance with the intent of the Parties to minimize all taxes, so long as neither Party is materially adversely affected by such efforts.

9.2 Governmental Charges. Seller shall pay or cause to be paid all taxes imposed by any governmental authority (“Governmental Charges”) on or with respect to the Product or the transaction under this Agreement arising prior to and at the Delivery Point, including, but not limited to, ad valorem taxes and other taxes attributable to the Project, land, land rights or interests in land for the Project. Buyer shall pay or cause to be paid all Governmental Charges on or with respect to the Product or the transaction under this Agreement from the Delivery Point. In the event Seller is required by Law or regulation to remit or pay Governmental Charges which are Buyer’s responsibility hereunder, Buyer shall promptly reimburse Seller for such Governmental Charges. If Buyer is required by Law or regulation to remit or pay Governmental Charges which are Seller’s responsibility hereunder, Buyer may deduct such amounts from payments to Seller with respect to payments under the Agreement; if Buyer elects not to deduct such amounts from Seller’s payments, Seller shall promptly reimburse Buyer for such amounts upon request. Nothing shall obligate or cause a Party to pay or be liable to pay any Governmental Charges for which it is exempt under the Law.

ARTICLE TEN: REPRESENTATIONS AND WARRANTIES; COVENANTS

10.1 General Representations and Warranties. On the Execution Date and the CP Satisfaction Date, each Party represents and warrants to the other Party that:

- (a) it is duly organized, validly existing and in good standing under the Laws of the jurisdiction of its formation;
- (b) it has all Governmental Approvals necessary for it to perform its obligations under this Agreement, except for as of the Execution Date (i) CPUC Approval in the case of Buyer, and (ii) all Governmental Approvals necessary to construct, operate and maintain the Project and related interconnection facilities in the case of Seller;
- (c) the execution, delivery and performance of this Agreement is within its powers, have been duly authorized by all necessary action and do not violate any of the terms and conditions in its governing documents, any contracts to which it is a party or any applicable Law;
- (d) this Agreement and each other document executed and delivered in accordance with this Agreement constitutes a legally valid and binding obligation enforceable against it in accordance with its terms, subject to any Equitable Defenses;
- (e) it is not Bankrupt and there are no proceedings pending or being contemplated by it or, to its knowledge, threatened against it which would result in it being or becoming Bankrupt;
- (f) except as may be set forth in its reports filed with the SEC, there is not pending or, to its knowledge, threatened against it or any of its Affiliates any legal proceedings that could materially adversely affect its ability to perform its obligations under this Agreement;

- (g) no Event of Default with respect to it has occurred and is continuing and no such event or circumstance would occur as a result of its entering into or performing its obligations under this Agreement;
- (h) it is acting for its own account, has made its own independent decision to enter into this Agreement and as to whether this Agreement is appropriate or proper for it based upon its own judgment, is not relying upon the advice or recommendations of the other Party in so doing, and is capable of assessing the merits of and understanding, and understands and accepts, the terms, conditions and risks of this Agreement; and
- (i) it has entered into this Agreement in connection with the conduct of its business and it has the capacity or the ability to make or take delivery of the Product as provided in this Agreement.

10.2 Seller Representations and Warranties.

- (a) Seller, and, if applicable, its successors, represents and warrants that throughout the Delivery Term of this Agreement that: (i) the Project qualifies and is certified by the CEC as an Eligible Renewable Energy Resource (“ERR”) as such term is defined in Public Utilities Code Section 399.12 or Section 399.16; and (ii) the Project’s output delivered to Buyer qualifies under the requirements of the California Renewables Portfolio Standard. To the extent a change in Law occurs after execution of this Agreement that causes this representation and warranty to be materially false or misleading, it shall not be an Event of Default if Seller has used commercially reasonable efforts to comply with such change in Law.
- (b) Seller and, if applicable, its successors, represents and warrants that throughout the Delivery Term of this Agreement the Renewable Energy Credits transferred to Buyer conform to the definition and attributes required for compliance with the California Renewables Portfolio Standard, as set forth in CPUC Decision 08-08-028, and as may be modified by subsequent decision of the CPUC or by subsequent legislation. To the extent a change in Law occurs after execution of this Agreement that causes this representation and warranty to be materially false or misleading, it shall not be an Event of Default if Seller has used commercially reasonable efforts to comply with such change in Law.

10.3 Covenants.

- (a) General Covenants. Each Party covenants that throughout the Delivery Term:
 - (i) it shall continue to be duly organized, validly existing and in good standing under the Laws of the jurisdiction of its formation;

(ii) it shall maintain (or obtain from time to time as required, including through renewal, as applicable) all Governmental Approvals necessary for it to legally perform its obligations under this Agreement;

(iii) it shall perform its obligations under this Agreement in a manner that does not violate any of the terms and conditions in its governing documents, any contracts to which it is a party or any applicable Law; and

(iv) it shall not dispute its status as a “forward contract merchant” within the meaning of the United States Bankruptcy Code.

(b) Seller Covenants.

(i) Seller covenants throughout the Delivery Term that it, or its permitted successors or assigns, shall maintain ownership of a fee, easement, long-term leasehold interest, or other similar asset ownership interest in the Project.

(ii) Seller covenants throughout the Delivery Term that it shall maintain market based rate authority from FERC to sell Product to Buyer under the terms of this Agreement.

(iii) If at any time during the Delivery Term, Seller’s representations and warranties set forth in Section 10.2 become materially false or misleading, Seller covenants that it shall provide prompt Notice to Buyer describing such default along with a description of its efforts to cure such default.

ARTICLE ELEVEN: TITLE, RISK OF LOSS, INDEMNITIES

11.1 Title and Risk of Loss. Title to and risk of loss related to the Product shall transfer from Seller to Buyer at the Delivery Point. Seller warrants that it will deliver to Buyer the Product free and clear of all liens, security interests, claims and encumbrances or any interest therein or thereto by any person arising prior to or at the Delivery Point.

11.2 Indemnities.

(a) Indemnity by Seller. Seller shall release, indemnify, defend, and hold harmless Buyer, its Affiliates, and its and their directors, officers, employees, agents, and representatives against and from any and all actions, suits, losses, costs, damages, injuries, liabilities, claims, demands, penalties and interest, including reasonable costs and attorneys’ fees (“Claims”) resulting from, or arising out of or in any way connected with (i) any event, circumstance, act, or incident relating to the Product delivered under this Agreement up to and at the Delivery Point, (ii) Seller’s development, permitting, construction, ownership, operation and/or maintenance of the Project, (iii) the failure by Seller or the failure of the Project to comply with applicable Law, including

without limitation the CAISO Tariff, (iv) any Governmental Charges for which Seller is responsible hereunder, or (v) any liens, security interests, encumbrances, or other adverse claims against the Product delivered hereunder made by, under, or through Seller, in all cases including, without limitation, any Claim for or on account of injury, bodily or otherwise, to or death of persons, or for damage to or destruction of property belonging to Buyer, Seller, or others, excepting only such Claim to the extent caused by the willful misconduct or gross negligence of Buyer, its Affiliates, and its and their directors, officers, employees, agents, and representatives.

- (b) Indemnity by Buyer. Buyer shall release, indemnify, defend, and hold harmless Seller, its Affiliates, and its and their directors, officers, employees, agents, and representatives against and from any and all Claims resulting from, or arising out of or in any way connected with (i) any event, circumstance, act, or incident relating to the Product received by Buyer under this Agreement after the Delivery Point, (ii) the failure by Buyer to comply with applicable Law, including without limitation the CAISO Tariff, or (iii) any Governmental Charges for which Buyer is responsible hereunder, in all cases including, without limitation, any Claim for or on account of injury, bodily or otherwise, to or death of persons, or for damage to or destruction of property belonging to Buyer, Seller, or others, excepting only such Claim to the extent caused by the willful misconduct or gross negligence of Seller, its Affiliates, and its and their directors, officers, employees, agents, and representatives.

ARTICLE TWELVE: DISPUTE RESOLUTION

12.1 Intent of the Parties. Except as provided in the next sentence, the sole procedure to resolve any claim arising out of or relating to this Agreement or any related agreement is the dispute resolution procedure set forth in this Article 12. Either Party may seek a preliminary injunction or other provisional judicial remedy if such action is necessary to prevent irreparable harm or preserve the status quo, in which case both Parties nonetheless will continue to pursue resolution of the dispute by means of the dispute resolution procedure set forth in this Article 12.

12.2 Management Negotiations.

- (a) The Parties will attempt in good faith to resolve any controversy or claim arising out of or relating to this Agreement or any related agreements by prompt negotiations between each Party's authorized representative designated in writing as a representative of the Party (each a "Manager"). Either Manager may, by Notice to the other Party, request a meeting to initiate negotiations to be held within ten (10) Business Days of the other Party's receipt of such request, at a mutually agreed time and place (either in person or telephonically). If the matter is not resolved within fifteen (15) Business Days of their first meeting ("Initial Negotiation End Date"), the Managers shall refer the matter to the designated senior

officers of their respective companies that have authority to settle the dispute (“Executive(s)”). Within five (5) Business Days of the Initial Negotiation End Date (“Referral Date”), each Party shall provide one another Notice confirming the referral and identifying the name and title of the Executive who will represent the Party.

- (b) Within five (5) Business Days of the Referral Date, the Executives shall establish a mutually acceptable location and date, which date shall not be greater than thirty (30) days from the Referral Date, to meet. After the initial meeting date, the Executives shall meet, as often as they reasonably deem necessary, to exchange relevant information and to attempt to resolve the dispute.
- (c) All communication and writing exchanged between the Parties in connection with these negotiations shall be confidential and shall not be used or referred to in any subsequent binding adjudicatory process between the Parties.
- (d) If the matter is not resolved within forty-five (45) days of the Referral Date, or if the Party receiving the Notice to meet, pursuant to Section 12.2(a) above, refuses or does not meet within the ten (10) Business Day period specified in Section 12.2(a) above, either Party may initiate arbitration of the controversy or claim by providing Notice of a demand for binding arbitration at any time thereafter.

12.3 Arbitration. Any dispute that cannot be resolved by management negotiations as set forth in Section 12.2 above shall be resolved through binding arbitration by a retired judge or justice from the AAA panel conducted in San Diego, California, administered by and in accordance with AAA’s Commercial Arbitration Rules (“Arbitration”).

- (a) Any arbitrator shall have no affiliation with, financial or other interest in, or prior employment with either Party and shall be knowledgeable in the field of the dispute. The Parties shall cooperate with one another in selecting the arbitrator within sixty (60) days after Notice of the demand for arbitration. If, notwithstanding their good faith efforts, the Parties are unable to agree upon a mutually-acceptable arbitrator, the arbitrator shall be appointed as provided for in AAA’s Commercial Arbitration Rules.
- (b) At the request of a Party, the arbitrator shall have the discretion to order depositions of witnesses to the extent the arbitrator deems such discovery relevant and appropriate. Depositions shall be limited to a maximum of three (3) per Party and shall be held within thirty (30) days of the making of a request. Additional depositions may be scheduled only with the permission of the arbitrator, and for good cause shown. Each deposition shall be limited to a maximum of six (6) hours duration unless otherwise permitted by the arbitrator for good cause shown. All objections are reserved for the Arbitration hearing except for objections

based on privilege and proprietary and confidential information. The arbitrator shall also have discretion to order the Parties to exchange relevant documents. The arbitrator shall also have discretion to order the Parties to answer interrogatories, upon good cause shown.

- (c) The arbitrator shall have no authority to award punitive or exemplary damages or any other damages other than direct and actual damages and the other remedies contemplated by this Agreement.
- (d) The arbitrator shall prepare in writing and provide to the Parties an award including factual findings and the reasons on which their decision is based.
- (e) The arbitrator's award shall be made within nine (9) months of the filing of the notice of intention to arbitrate (demand) and the arbitrator shall agree to comply with this schedule before accepting appointment. However, this time limit may be extended by agreement of the Parties or by the arbitrator, if necessary.
- (f) Judgment on the award may be entered in any court having jurisdiction.
- (g) The prevailing Party in this dispute resolution process is entitled to recover its costs. Until such award is made, however, the Parties shall share equally in paying the costs of the Arbitration.
- (h) The arbitrator shall have the authority to grant dispositive motions prior to the commencement of or following the completion of discovery if the arbitrator concludes that there is no material issue of fact pending before the arbitrator.
- (i) The arbitrator shall not have the power to commit errors of law or legal reasoning, and the award may be vacated or corrected on appeal to a court of competent jurisdiction for any such error.
- (j) The existence, content, and results of any Arbitration hereunder is confidential information that is subject to the provisions of Section 13.1.

ARTICLE THIRTEEN: MISCELLANEOUS

13.1 Confidentiality.

- (a) General. Neither Party shall disclose the non-public terms or conditions of this Agreement or any transaction hereunder to a third party, other than (i) the Party's Affiliates and its and their officers, directors, employees, lenders, counsel, accountants or advisors who have a need to know such information and have agreed to keep such terms confidential, (ii) for disclosure to the Buyer's Procurement Review Group, as defined in CPUC Decision (D) 02-08-071, subject to a confidentiality agreement,

(iii) to the CPUC under seal for purposes of review, (iv) disclosure of terms specified in and pursuant to Section 13.1(b) of this Agreement; (v) in order to comply with any applicable Law, regulation, or any exchange, control area or CAISO rule, or order issued by a court or entity with competent jurisdiction over the disclosing Party (“Disclosing Party”), other than to those entities set forth in subsection (vi); or (vi) in order to comply with any applicable regulation, rule, or order of the CPUC, CEC, or the Federal Energy Regulatory Commission. In connection with requests made pursuant to clause (v) of this Section 13.1(a) (“Disclosure Order”) each Party shall, to the extent practicable, use reasonable efforts to prevent or limit such disclosure. After using such reasonable efforts, the Disclosing Party shall not be: (i) prohibited from complying with a Disclosure Order or (ii) liable to the other Party for monetary or other damages incurred in connection with the disclosure of the confidential information. Except as provided in the preceding sentence, the Parties shall be entitled to all remedies available at law or in equity to enforce, or seek relief in connection with, this confidentiality obligation.

- (b) RPS Confidentiality. Notwithstanding Section 13.1(a) of this Agreement, at any time on or after the Execution Date, either Party shall be permitted to disclose the following terms with respect to this Agreement: Party names, resource type, Delivery Term, Project location, Contract Capacity, anticipated Commercial Operation Date, Contract Quantity, *[For existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement, delete: progress of each Milestone],* and Delivery Point.
- (c) Publicity. Except as otherwise agreed to in this Section 13.1 above, no announcement, publicity, advertising, press release, promotional or marketing materials regarding the arrangement contemplated under this Agreement, including the existence hereof, shall be made by either Party without the prior written approval of the other Party which approval shall not be unreasonably withheld or delayed.

13.2 Assignment. Neither Party shall assign this Agreement or its rights hereunder without the prior written consent of the other Party, which consent shall not be unreasonably withheld. For purposes hereof, the transfer of more than fifty percent (50%) of the equity ownership or voting interest of Seller (or any parent entity holding directly or indirectly at least fifty percent (50%) of the equity ownership or voting interest of Seller if such interest constitutes more than twenty percent (20%) of the fair market value of the assets of such parent entity) to a person that is not an Affiliate of Seller shall also constitute an assignment of this Agreement requiring Buyer’s prior written consent. Notwithstanding the foregoing, either Party may, without the consent of the other Party (and without relieving itself from liability hereunder), transfer, sell, pledge, encumber, or assign this Agreement or the accounts, revenues or proceeds hereof to its financing providers. In connection with any financing or refinancing of the Project by Seller, Buyer shall in good faith negotiate and agree upon a consent to collateral assignment of this Agreement in substantially the same form as Exhibit F..

13.3 Audit. Each Party has the right, at its sole expense and during normal working hours, to examine the records of the other Party to the extent reasonably necessary to verify the accuracy of any statement, charge or computation made pursuant to this Agreement including amounts of Delivered Energy or Scheduled Energy. If any such examination reveals any inaccuracy in any statement, the necessary adjustments in such statement and the payments thereof will be made promptly and shall bear interest calculated at the Default Rate from the date the overpayment or underpayment was made until paid; provided, however, that no adjustment for any statement or payment will be made unless objection to the accuracy thereof was made prior to the lapse of twelve (12) months from the rendition thereof, and thereafter any objection shall be deemed waived except to the extent any misinformation was from a third party not Affiliated with any Party and such third party corrects its information after such twelve-month period. In addition, Buyer shall have the right, at its sole expense and during normal working hours, to examine the records of Seller to the extent reasonably necessary to verify Seller's compliance with its representations and warranties set forth in Section 10.2.

13.4 Sarbanes-Oxley and SEC Requirements. The Parties acknowledge that accounting principles generally accepted in the United States of America ("GAAP") and SEC rules require Buyer and its independent auditor to evaluate whether Buyer must consolidate Seller's financial information (but not financial information of Seller's constituent members unless deemed to be included in the entity under GAAP). Buyer will require access to certain records, including but not limited to financial records, and personnel of Seller to determine if consolidated financial reporting is required. If Buyer and its independent auditor determine at any time that the Buyer must consolidate the Seller's financial statements to comply with GAAP and/or SEC rules regarding consolidated financial reporting, then:

(a) Buyer shall require from Seller and Seller agrees to provide to Buyer the following during the Term of this Agreement:

(i) Unaudited financial statements of the Seller prepared in accordance with GAAP as of the end of the quarterly period. The financial statements should include quarter to date and year to date information and are to be provided within fifteen (15) calendar days of the end of the applicable reporting period (or the Business Day thereafter);

(ii) Unaudited financial schedules of the Seller, as deemed necessary for Buyer to prepare its consolidated financial statements and related footnotes to the financial statements in accordance with GAAP as of the end of the quarterly period. The financial schedules should include quarter to date and year to date information underlying the financial statements and footnotes to the financial statements and are to be provided within fifteen (15) calendar days of the end of the applicable reporting period (or the Business Day thereafter);

(iii) Access to Seller's accounting and other records, and accounting and management personnel as reasonably determined by both Buyer and Seller so that (A) Buyer's independent auditor or its internal auditors may conduct financial audits (in accordance with the standards of the Public Company Accounting Oversight Board (United States)) as well as internal control audits (in accordance with Section 404 of the Sarbanes-Oxley Act of 2002) and (B) Buyer can be provided analytical information, as needed, to enable Buyer to meet its SEC filing requirements, including but not limited to those under Item 2 on Form 10-Q, and Item 7 on Form

10-K, “Management’s Discussion and Analysis of Financial Condition and Results of Operations;”

(iv) Upon the request of Buyer, such certifications by a duly authorized representative(s) of Seller as may be reasonably requested by Buyer (which certifications shall presumptively be reasonable if the certifications are substantially identical to those required by Buyer or its parent of business units of Buyer or its parent); and

(v) As reasonably requested by Buyer, such information or schedules, similar to the items noted in clauses (i)-(iv) above, to enable Buyer to prepare consolidated financial statements and schedules as may be required for Buyer to obtain financing or to prepare other reports as required by regulatory bodies, such as the SEC, for periods other than as of the end of the monthly, quarterly or year to date periods then ended.

- (b) If Buyer (i) in its sole discretion determines that the financial statements of the Seller would be considered material to the Buyer or its parent company’s financial statements, financial condition, or internal controls over financial reporting, and (ii) reasonably determines Seller’s internal controls over financial reporting are not operating effectively or have resulted in a control deficiency, Buyer shall provide Notice to Seller. Upon receipt of such Notice, Seller will have thirty (30) days to remediate any deficiency in Seller’s internal controls over financial reporting identified by the Buyer, which Buyer and Buyer’s independent auditor deem to be necessary to ensure Seller’s internal controls over financial reporting are adequate, during or as a result of the audits permitted under Section 13.4(a)(iii) or any other.
- (c) As soon as possible, but in no event later than two (2) Business Days following any occurrence that would affect Seller in any material way, Seller shall provide to Buyer a Notice describing such occurrence in sufficient detail to permit the Buyer to file a report on SEC Form 8-K. Such occurrences include all reportable events on the then current Form 8-K that applies to Buyer and its parent company at such time, including but not limited to a material acquisition or disposition of assets, a material direct financial obligation or off-balance sheet financing arrangement, material litigation, and the execution or termination of a material contract.
- (d) Any information provided to Buyer shall be treated as confidential except that it may be disclosed in connection with the preparation, review, certification and publication of Buyer’s financial statements.
- (e) Seller shall notify Buyer at any time during the term of this Agreement of any services provided or proposed to be provided to Seller by Buyer’s independent auditor. Seller, and any of Seller’s Affiliates, are prohibited from engaging Buyer’s independent auditor for any services or in any

consulting agreement without the express written consent of partner in charge of Buyer's independent audit.

13.5 Entire Agreement. This Agreement, together with the Cover Sheet and each and every appendix, attachment, amendment, schedule and any written supplements hereto, if any, between the Parties constitutes the entire agreement between the Parties.

13.6 Recording. Unless a Party expressly objects to a Recording (defined below) at the beginning of a telephone conversation, each Party consents to the creation of a tape or electronic recording ("Recording") of all telephone conversations between the Parties to this Agreement, and that any such Recordings will be retained in confidence, secured from improper access, and may be submitted in evidence in any proceeding or action relating to this Agreement. Each Party waives any further notice of such monitoring or recording, and agrees to notify its officers and employees of such monitoring or recording and to obtain any necessary consent of such officers and employees.

13.7 Forward Contract. The Parties acknowledge and agree that this Agreement constitutes a "forward contract" within the meaning of the United States Bankruptcy Code.

13.8 Governing Law. THIS AGREEMENT AND THE RIGHTS AND DUTIES OF THE PARTIES HEREUNDER SHALL BE GOVERNED BY AND CONSTRUED, ENFORCED AND PERFORMED IN ACCORDANCE WITH THE LAWS OF THE STATE OF CALIFORNIA, WITHOUT REGARD TO PRINCIPLES OF CONFLICTS OF LAW. TO THE EXTENT ENFORCEABLE AT SUCH TIME, EACH PARTY WAIVES ITS RESPECTIVE RIGHT TO ANY JURY TRIAL WITH RESPECT TO ANY LITIGATION ARISING UNDER OR IN CONNECTION WITH THIS AGREEMENT.

13.9 Attorneys' Fees. In any proceeding brought to enforce this Agreement or because of the breach by any Party of any covenant or condition herein contained, the prevailing Party shall be entitled to reasonable attorneys' fees (including reasonably allocated fees of in-house counsel) in addition to court costs and any and all other costs recoverable in said action.

13.10 General. This Agreement shall be considered for all purposes as prepared through the joint efforts of the Parties and shall not be construed against one Party or the other as a result of the preparation, substitution, submission or other event of negotiation, drafting or execution hereof. Except to the extent provided for herein, no amendment or modification to this Agreement shall be enforceable unless reduced to writing and executed by both Parties. This Agreement shall not impart any rights enforceable by any third party (other than a permitted successor or assignee bound to this Agreement). Waiver by a Party of any default by the other Party shall not be construed as a waiver of any other default. The headings used herein are for convenience and reference purposes only. This Agreement shall be binding on each Party's successors and permitted assigns.

13.11 Severability. If any provision in this Agreement is determined to be invalid, void or unenforceable by any court having jurisdiction, such determination shall not invalidate, void, or make unenforceable any other provision, agreement or covenant of this Agreement and the Parties

shall use their best efforts to modify this Agreement to give effect to the original intention of the Parties.

13.12 Counterparts. This Agreement may be executed in one or more counterparts each of which shall be deemed an original and all of which shall be deemed one and the same Agreement. Delivery of an executed counterpart of this Agreement by fax will be deemed as effective as delivery of an originally executed counterpart. Any Party delivering an executed counterpart of this Agreement by facsimile will also deliver an originally executed counterpart, but the failure of any Party to deliver an originally executed counterpart of this Agreement will not affect the validity or effectiveness of this Agreement.

13.13 Notices. Whenever this Agreement requires or permits delivery of a “Notice” (or requires a Party to “notify”), the Party with such right or obligation shall provide a written communication in the manner specified in herein; provided, however, that notices of Outages or other Scheduling or dispatch information or requests, shall be provided in accordance with the terms set forth in the relevant section of this Agreement. Invoices may be sent by facsimile or e-mail. A Notice sent by facsimile transmission or e-mail will be recognized and shall be deemed received on the Business Day on which such Notice was transmitted if received before 5:00 p.m. (and if received after 5:00 p.m., on the next Business Day) and a Notice of overnight mail or courier shall be deemed to have been received two (2) Business Days after it was sent or such earlier time as is confirmed by the receiving Party. Each Party shall provide Notice to the other Party of the persons authorized to nominate and/or agree to a Schedule or Dispatch Order for the delivery or acceptance of the Product or make other Notices on behalf of such Party and specify the scope of their individual authority and responsibilities, and may change its designation of such persons from time to time in its sole discretion by providing Notice.

13.14 Mobile Sierra. Notwithstanding any provision of this Agreement, neither Party shall seek, nor shall they support any third party in seeking, to prospectively or retroactively revise the rates, terms or conditions of service of this Agreement through application or complaint to FERC pursuant to the provisions of Section 205, 206 or 306 of the Federal Power Act, or any other provisions of the Federal Power Act, absent prior written agreement of the Parties. Further, absent the prior agreement in writing by both Parties, the standard of review for changes to the rates, terms or conditions of service of this Agreement proposed by a Party, a non-Party or the FERC acting *sua sponte* shall be the “public interest” application of the “just and reasonable” standard of review set forth in *United Gas Pipe Line Co. v. Mobile Gas Service Corp.*, 350 US 332 (1956) and *Federal Power Commission v. Sierra Pacific Power Co.*, 350 US 348 (1956).

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

[_____]
a [_____]

SAN DIEGO GAS & ELECTRIC COMPANY
a California corporation

By: _____
Name: _____
Title: _____

By: _____
Name: _____
Title: _____

Exhibit A

PROJECT DESCRIPTION INCLUDING DESCRIPTION OF SITE

PROJECT DESCRIPTION

Project name: _____

~~[If the Project is an Aggregated Project, provide all of the following information for each component facility (by site) and include the gross power rating of each facility.]~~

Project Site name: _____

Project physical address: _____

Total number of electric generating units at the Project (committed and not committed to Buyer): _____

Technology Type: _____

Substation:

Point of Interconnection of the Project (if the Project is an Aggregated Project, each component facility must interconnect at the same CAISO PNode): _____

The term “Site” as defined in the Agreement means the following parcel description upon which the Project is located:

[INSERT MAP]

The nameplate capacity of the Project is: _____.

[For Excess Sales bids: include details on onsite load estimates and meter configuration (if CAISO meter reflects subtraction of customer onsite load from Project output.)

[For solar, please include the following information. For other technologies, similar project specifications as applicable] The electric generating units utilized as generation assets as part of the Project are described below:

— Check here if the Project is an Aggregated Project.

[INSERT MAP]

Project Specifications	
<u>Project Size (MWdc)</u>	
<u>Mounting technology</u>	
<u>Module model</u>	
<u>Module size (W)</u>	
<u>Number of modules</u>	
<u>Inverter model</u>	
<u>Inverter size (kW)</u>	
<u>Number of inverters</u>	
<u>Medium voltage transformer (M.V.T.) size</u>	
<u>Number of M.V.T.s</u>	
<u>Step-up transformer (S.T.) size</u>	
<u>Number of S.T.s</u>	

Exhibit B *[Delete and replace with “Reserved” for existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement.]*

MILESTONE SCHEDULE

<i>No.</i>	<i>Date</i>	<i>Project Name</i>
1.		Files any land applications.
2.		Submits interconnection application.
3.		Files Governmental Approval application(s).
<u>1.</u>		Obtains control of all lands and rights-of-way comprising the Site.
<u>2.</u>		Files a CEC Pre-Certification and Verification application.
<u>3.</u>		Receives a completed [CAISO Phase II Interconnection Study Report] [interconnection system impact study]
<u>4.</u>		Completes a comprehensive resource assessment.
8.		Receives a completed CAISO Phase I Deliverability Study Report.
<u>5.</u>		Files <u>CUP</u> <u>permitting</u> application <u>with appropriate agency(ies)</u> .
10.		[Receives a completed interconnection system impact study]
<u>6.</u>		Executes interconnection agreement and/or transmission agreement.
<u>7.</u>		<u>Receives permitting approval(s)</u>
<u>8.</u>		Receives FERC acceptance of interconnection agreement and transmission agreement(s).
13.		Receives Conditional Use Permit
14.		Receives all Governmental Approvals.
15.		Receives a completed CAISO Phase II Deliverability Study Report.

<u>9.</u> 6.		Executes a supply contract.
<u>10.</u> 7.		Executes an Engineering, Procurement and Construction (“EPC”) contract.
<u>11.</u> 8.		Completes financing.
<u>12.</u> 9.		Delivers full NTP under EPC contract and begins construction of the Project.
20.		Begins startup activities.
21.		Receives CEC Certification and Verification.
<u>13.</u> 2.		Executes Meter Service Agreement and Participating Generator Agreement.
<u>14.</u> 3.		Achieves initial operation.
<u>15.</u> 4.		Demonstrates the Contract Capacity <u>Receives all Governmental Approvals necessary to achieve Commercial Operation.</u>
<u>16.</u> 5.		Commercial Operation Date <u>Receives CEC Certification and Verification.</u>

Exhibit C

FORM OF LETTER OF CREDIT

[DATE]

To: [Name and Address of Secured Party]

Re: Our Irrevocable Standby Letter of Credit No. _____
In the Amount of US _____

Gentlemen:

We hereby open our irrevocable standby Letter of Credit Number _____ in favor of [name of Secured Party] (“Secured Party”), by order and for account of [name of Account Party] (“Account Party”), [address of Account Party], available at sight upon demand at our counters, at [location] for an amount of US\$ _____ [amount spelled out and xx/100 U.S. Dollars] against presentation one of the following documents:

1- Statement signed by a person purported to be an authorized representative of Secured Party stating that: “San Diego Gas & Electric Company (“Secured Party”) is entitled to draw under this Letter of Credit under the terms of the Power Purchase Agreement between Secured Party and [insert name] (“Account Party”) dated _____, as may be amended (the “PPA”) or Account Party is in default under the terms of the PPA (whether by failure to perform or pay any obligation thereunder or by occurrence of a “default”, “event of default” or similar term as defined in such agreement, any other agreement between Secured Party and Account Party, or otherwise). The amount due to Secured Party is U.S. \$ _____.”

or

2- Statement signed by a person purported to be an authorized representative of Secured Party stating that: “[name of Account Party] (“Account Party”) has forfeited all or part of its Development Period Security as set forth and defined in the Power Purchase Agreement between Secured Party and Account Party dated _____. The amount due to Secured Party, whether or not a default has occurred, is U.S. \$ _____.”

or

3- Statement signed by a person purported to be an authorized representative of Secured Party stating that: “as of the close of business on [insert date, which is less than 60 days prior to the expiration date of the Letter of Credit] you have provided written notice to us indicating your election not to permit extension of this Letter of Credit beyond its current expiry date. The amount due to Secured Party, whether or not a default has occurred, is U.S. \$ _____.”

Special Conditions:

- All costs and banking charges pertaining to this Letter of Credit are for the account of Account Party.
- Partial and multiple drawings are permitted.
- Fax of Document 1 or 2 above acceptable.

This Letter of Credit expires on _____ at our counters.

We hereby engage with Secured Party that upon presentation of a document as specified under and in compliance with the terms of this Letter of Credit, this Letter of Credit will be duly honored in the amount stated in Document 1 or 2 above. If a document is so presented by 1:00 pm on any New York banking day, we will honor the same in full in immediately available New York funds on that day and, if so presented after 1:00 pm on a New York banking day, we will honor the same in full in immediately available New York funds by noon on the following New York banking day.

It is a condition of this Letter of Credit that it shall be deemed automatically extended without an amendment for a one year period beginning on the present expiry date hereof and upon each anniversary of such date, unless at least ninety (90) days prior to any such expiry date we have sent you written notice by regular and registered mail or courier service that we elect not to permit this Letter of Credit to be so extended beyond, and will expire on its then current expiry date. No presentation made under this Letter of Credit after such expiry date will be honored.

We agree that if this Letter of Credit would otherwise expire during, or within 30 days after, an interruption of our business caused by an act of god, riot, civil commotion, insurrection, act of terrorism, war or any other cause beyond our control or by any strike or lockout, then this Letter of Credit shall expire on the 30th day following the day on which we resume our business after the cause of such interruption has been removed or eliminated and any drawing on this Letter of Credit which could properly have been made but for such interruption shall be permitted during such extended period.

This Letter of Credit is subject to the Uniform Customs and Practice for Documentary Credits (2007 Revision) International Chamber of Commerce, Publication No. 600 ("UCP"), except to the extent that the terms hereof are inconsistent with the provisions of the UCP, including but not limited to Articles 14(b) and 36 of the UCP, in which case the terms of this Letter of Credit shall govern. Matters not covered by the UCP shall be governed and construed in accordance with the laws of the State of California.

[Name of Bank]

Authorized Signature(s)

Exhibit D *[Delete and replace with "Reserved" for existing Project in operation for which CPUC Approval is all that is needed for effectiveness of the Agreement]*

COMMERCIAL OPERATION CERTIFICATE

The undersigned, _____ (“EPC Contractor”), _____ (“[_____] Supplier”), _____ (“Licensed Professional Engineer”) and [_____] (“Owner”) make the following certifications to San Diego Gas & Electric Company (“SDG&E”), dated as of _____. All capitalized terms not otherwise defined herein shall have the meaning given to them in the Power Purchase Agreement dated _____ between Owner and SDG&E (the “Agreement”).

[Major Generation Equipment] Supplier hereby certifies that:

1. The [_____] comprising the Project have been erected and installed at the project site and have been commissioned as required under the Supply and Installation Agreement (“[_____] Supply Agreement”) dated as of _____, by and between [_____] Supplier and Owner and each such [_____] has passed the performance testing required to be performed pursuant to the [_____] Supply Agreement.
2. The Warranty Period under the Warranty Agreement (“Warranty Agreement”) dated as of _____, by and between [_____] Supplier and Owner has commenced.

EPC Contractor hereby certifies that:

All requirements necessary to achieve [Commercial Operation/Substantial Completion] as set forth in the agreement between the EPC Contractor and Owner dated _____ (“EPC Contract”) have been completed and the Project has successfully passed all performance tests at a level that demonstrates satisfaction of at least the [minimum performance guarantees].

Owner hereby certifies that:

1. Except for punch list items that would not materially affect the performance, reliability or safe operation of the Project, the Project has been completed in accordance with all applicable specifications and is ready for continuous commercial operation in compliance with all applicable laws and governmental approvals. The Project has successfully passed all performance tests at a level that demonstrates satisfaction of at least the [insert minimum performance guarantees], and complete test reports have been submitted to Buyer.
2. The Operation and Maintenance Agreement (O&M Agreement), by and between Owner and _____ dated as of _____ has commenced.

3. Owner has a valid leasehold or real property interest in the Project Site for a term of at least [] years from the Commercial Operation date.
4. The interconnection facilities have been completed in accordance with applicable specifications, tariffs, laws and governmental approvals to enable power generated by the Project to be received at the Delivery Point.
5. Owner has obtained all governmental approvals necessary for the continuous commercial operation of the Project and the Project is in compliance with all such governmental approvals and all other applicable laws.

Licensed Professional Engineer certifies that:

1. We have read the Agreement, the [] Supply Contract, and the EPC Contract and we understand the requirements for Commercial Operation under the Agreement, the specifications and performance testing requirements under the [] Supply Contract, and the requirements for [Commercial Operation/Substantial Completion] under the EPC Contract.
2. We have reviewed the material and data made available to us by the Owner, the [] Supplier, and the EPC Contractor for the Project.
3. To the extent practical, we have reviewed the engineering, procurement, construction and performance testing for the Project and in the course of this review we have not discovered any material errors or omissions in the work performed to date.
4. We have reviewed the certificates of Owner, [] Supplier, and EPC Contractor above, and find the representations provided to be correct in all material respects.
5. We have reviewed all Governmental Approvals and permits identified by the Owner as being required for the construction and operation of the Project and are of the opinion that the Project as completed is in compliance in all material respects with the environmental and technical requirements contained therein.
6. Based on our review of the aforementioned information and of information provided to us by others which we have not independently verified, we are of the opinion that, as of, Commercial Operation has occurred as defined in the Agreement.

Executed this ___ day of ___, 200_

[_____] **SUPPLIER**
[Name of [_____] Supplier]
a _____ corporation

By: _____
Name:
Title:

EPC CONTRACTOR
[Name of EPC Contractor]
a _____ corporation

By: _____
Name:
Title:

OWNER
[Name of Owner]
a _____ limited liability company

By: _____
Name:
Title:

LICENSED PROFESSIONAL ENGINEER:
[Name of Licensed Professional Engineer]
a _____

By: _____
Name:
Title:

ACCEPTED BY SAN DIEGO GAS & ELECTRIC COMPANY

By: _____
Name: _____
Title: _____
Date: _____

Exhibit E

INSURANCE

In connection with Seller's performance of its duties and obligations under this Agreement, Seller shall maintain, from the CP Satisfaction Date until the end of the term of this Agreement, general liability insurance with a combined single limit of not less than Two million dollars (\$2,000,000) for each occurrence.

Such general liability insurance shall include coverage for "Premises-Operations, Owners and Contractors Protective, Products/Completed Operations Hazard, Explosion, Collapse, Underground, Contractual Liability, and Broad Form Property Damage including Completed Operations."

The general liability insurance required herein shall, by endorsement to the policy or policies, (a) include Buyer as an additional insured; (b) contain a severability of interest clause or cross-liability clause; (c) provide that Buyer shall not by reason of its inclusion as an additional insured incur liability to the insurance carrier for payment of premium for such insurance; and (d) provide for thirty (30) calendar days' written notice to Buyer prior to cancellation, termination, alteration, or material change of such insurance.

Evidence of the insurance required herein shall state that coverage provided is primary and is not in excess to or contributing with any insurance or self-insurance maintained by Buyer.

Seller agrees to furnish the required certificates and endorsements to Buyer prior to initial deliveries of test energy. Buyer shall have the right to inspect or obtain a copy of the original policy or policies of insurance.

If Seller is self-insured with an established record of self-insurance, Seller may comply with the following in lieu of the third party insurance if:

- (a) Seller shall provide to Buyer, at least thirty (30) calendar days prior to the date of initial deliveries of test energy, evidence of an acceptable plan to self-insure to a level of coverage equivalent to that required by third party insurance providers as stated herein.
- (b) If Seller ceases to self-insure to the level required hereunder, or if Seller is unable to provide continuing evidence of Seller's ability to self-insure, Seller agrees to immediately obtain the third party insurance coverage required hereunder.

All insurance certificates, statements of self insurance, endorsements, cancellations, terminations, alterations, and material changes of such insurance shall be issued, clearly labeled with agreement ID number and submitted to the following:

San Diego Gas & Electric Company
Attention: Director, Procurement and Portfolio Design
Address: 8315 Century Park Court, CP21D
City: San Diego, CA 92123

Exhibit F

CONSENT TO ASSIGNMENT

CONSENT AND AGREEMENT

This CONSENT AND AGREEMENT (“Consent”) is entered into as of [Date] among San Diego Gas & Electric Company (“SDG&E”), [_____] (the “Assignor”), and [Name of Lender/Agent for the Financing Parties] (the “Assignee”).

RECITALS

WHEREAS, pursuant to the RAM Power Purchase Agreement made as of [Date] (the “Assigned Agreement”), between the Assignor and SDG&E, SDG&E has agreed to purchase output from the Assignor’s [_____] MW [_____] electric generating facility] (the “Project”) as further specified in therein;

WHEREAS, pursuant to a [Security Agreement] dated as of [Date] (the “Security Agreement”), the Assignor has granted to the Assignee a lien on and a security interest in, to and under all of its right, title and interest in the Assigned Agreement, as collateral security for the Assignor’s obligations under that certain [Credit Agreement] dated as of the date of the Security Agreement among the Assignor, [_____] (“Lenders”) and the related financing documents (the “Credit Agreement” and collectively, the “Financing Documents”) pursuant to which the Lenders have agreed to loan funds to the Assignor in connection with the Project.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which hereby are acknowledged, the parties hereto agree as follows:

Section 1. Definitions. Any capitalized term used but not defined herein shall have the meaning specified for such term in the Assigned Agreement.

Section 2. Consent to Assignment.

(a) Under the terms and conditions set forth in this Consent, SDG&E hereby consents to (i) the assignment by the Assignor of all its right, title and interest in, to and under the Assigned Agreement to the Assignee, as collateral security for the obligations as and to the extent provided in the Security Agreement, and (ii) the assignment by the Assignor to any transferee or assignee of, or successor to, the Assignee (provided that any transferee or nominee satisfies the requirements of Article 8 (*credit support*) of the Assigned Agreement and is otherwise a Qualified Transferee. “Qualified Transferee” shall mean any transferee or assignee of, or successor to, the Assignee that (x) has (or has entered into contracts for the provision of services with an entity that has) substantial experience in the construction and/or operation of [wind/geothermal/solar generating facilities] of a type similar to the Project and (y) has the financial capability to perform under the Assigned Agreement (taking into account the fact that such transferee or nominee may be a special purpose vehicle whose sole asset may be the Project), in each case as reasonably determined by SDG&E.

(b) The Assignor agrees that it shall remain liable to SDG&E for all obligations of the Assignor under the Assigned Agreement, notwithstanding the collateral assignment contemplated in the Security Agreement.

(c) If the Assignee elects to exercise its remedies under the Security Agreement to foreclose on its lien in the Assigned Agreement, the Assignee shall notify SDG&E pursuant to Section 6(f) of this Consent. Upon completion of such foreclosure, the Assignee (or its permitted assignee or transferee or successor thereof) (i) shall be entitled to all of the benefits of the Assigned Agreement, (ii) shall assume in writing and be liable for each and every duty, obligation and liability of the Assignor under the Assigned Agreement, including but not limited to the duties and obligations that arose or accrued prior to the date of execution of this Consent, and (iii) shall cure any and all then existing Seller Events of Default that have arisen prior to the date of the assumption of the Assigned Agreement by Assignee (or its permitted assignee or transferee or successor thereof) except for any Seller Events of Default that, by their nature, are not capable of being cured by Assignee (or its permitted assignee or transferee or successor thereof).

Section 3. Representations and Warranties. SDG&E hereby represents and warrants to the Assignee that, as of the date of this Consent:

(a) The execution and delivery by SDG&E of the Assigned Agreement and this Consent, and the performance by SDG&E of its obligations under the Assigned Agreement and this Consent, have been duly authorized by all necessary corporate action, and do not and will not require any further consents or approvals which have not been obtained, or violate any provision of any law, regulation, order, judgment, injunction or similar matters or breach any material agreement presently in effect with respect to or binding upon SDG&E.

(b) All government approvals necessary for the execution and delivery by SDG&E of the Assigned Agreement and this Consent, and the performance by SDG&E of its obligations under the Assigned Agreement and this Consent, have been obtained and are in full force and effect.

(c) This Consent and the Assigned Agreement have been duly executed and constitute legal, valid and binding obligations of SDG&E, enforceable against it in accordance with their respective terms, except as such enforcement may be limited by bankruptcy, insolvency or similar laws of general application relating to the enforcement of creditors' rights generally or by general principles of equity, regardless of whether such enforceability is considered in a proceeding in equity or at law, or by principles of public policy.

(d) To the knowledge of SDG&E, the Assignor is not in default under any material covenant or obligation under the Assigned Agreement, and no events have occurred that, with the giving of notice or the passage of time, would constitute a default by the Assignor under the Assigned Agreement, and the Assigned Agreement is in full force and effect and has not been amended.

Section 4. Consent and Agreement.

SDG&E and the Assignor hereby agree that, so long as any obligations of the Assignor under the Credit Agreement and the Security Agreement remain outstanding:

(a) No Material Amendments. SDG&E and the Assignor will not enter into any material amendment, supplement or other modification of the Assigned Agreement (an “Amendment”) until after the Assignee has been given at least fifteen (15) Business Days’ prior written notice of the proposed Amendment by the Assignor (a copy of which notice will be provided to SDG&E by the Assignor), and will not then enter into such Amendment if SDG&E has, within such fifteen (15) Business Day period, received a copy of (a) the Assignee’s objection to such Amendment or (b) the Assignee’s request to the Assignor for additional information with respect to such Amendment.

(b) Notices of Default and Right to Cure.

(i) SDG&E shall deliver to the Assignee at the address set forth on the signature pages hereof, or at such other address as the Assignee may designate in writing from time to time to SDG&E, concurrently with the delivery thereof to the Assignor, a copy of each notice of default under the Assigned Agreement. Notwithstanding anything to the contrary contained in the Assigned Agreement, such notice shall be coupled with an opportunity to cure any such default within the longer of the cure period available to the Assignor in the Assigned Agreement or thirty (30) days after notice thereof (except with respect to payment defaults, which cure must be made within five (5) Business Days after the last day of the cure period available to the Assignor in the Assigned Agreement with respect to payment defaults), such cure period shall commence upon receipt of notice by the Assignee). If possession of the Facility is necessary to cure any Default by the Assignor under the Assigned Agreement, and the Assignee commences foreclosure proceedings against the Assignor, the Assignee will be allowed an additional sixty (60) days to complete such proceedings. In order for the Assignee to cure a default under Section 5.1(d) of the Assigned Agreement, the Assignee shall secure, as soon as reasonably practical after such default, an order from the court (the “Bankruptcy Court”) administering the proceeding under which the Assignor is a debtor in a proceeding under Title 11 of the United States Code, as amended (the “Bankruptcy Code”) in a form reasonably acceptable to SDG&E which authorizes (a) the Assignor to pledge collateral to secure the Assignor’s obligations under the Assigned Agreement (whether by the maintenance or provision of a Letter of Credit or otherwise) whether such obligations arose prior or following the Section 5.1(d) default of the Assigned Agreement, (b) the right of SDG&E to terminate the Assigned Agreement upon a subsequent default and expiration of cure periods described herein with respect to the Assignor (including, without limitation, the conversion of a case under Chapter 11 of the Bankruptcy Code to a case under Chapter 7 of the Bankruptcy Code), and to exercise rights of netting or setoff of obligations upon such termination, in each case without regard to Section 362 of the Bankruptcy Code and without regard to whether the amounts to be netted or setoff were incurred pre-petition or post-petition, (c) that the rights of SDG&E specified in the foregoing clause (b) not be subject to being modified, stayed, avoided or otherwise limited by any further order of the Bankruptcy Court or any court proceeding under the Bankruptcy Code, and (d) the assumption by Assignor of the Assigned Agreement (a “Bankruptcy Order”). It being further understood that if such Bankruptcy Order is

not timely obtained, Buyer shall have the right to declare an Early Termination Date in accordance with Article 5 of the Assigned Agreement.

(ii) Except to the extent that automatic cancellation, suspension or termination occurs pursuant to the Assigned Agreement, no cancellation, suspension or termination of the Assigned Agreement by SDG&E, shall be binding upon the Assignee without such notice and the opportunity to cure during the applicable extended cure periods specified in this Section 4(b). If the Assignee fails to cure or rectify the effect of a default within the extended cure periods specified in this Section 4(b), SDG&E shall have all its rights and remedies with respect to such default, action or omission as set forth in the Assigned Agreement.

(c) Payments to Designated Account. The Assignor and SDG&E acknowledge and agree that all payments to be made by SDG&E to the Assignor (if any) under the Assigned Agreement shall be made in lawful money of the United States of America in immediately available funds, to the following account:

[name and details for account designated by the Assignee]

or to such other person or entity and/or at such other address as the Assignee may from time to time specify in writing to SDG&E. In making such payments, SDG&E shall be entitled to rely conclusively on instructions that it may receive from time to time from the Assignee without any duty to make inquiry into the authority of the Assignee to give such instructions or the authenticity of any signatures placed upon such instructions.

Section 5. Damages Limitation. **NO PARTY SHALL BE LIABLE TO ANY OTHER PARTY UNDER THIS CONSENT FOR ANY CONSEQUENTIAL, EXEMPLARY, PUNITIVE, REMOTE, OR SPECULATIVE DAMAGES OR LOST PROFITS.**

Section 6. Miscellaneous.

(a) This Consent shall be binding upon the successors and permitted assigns of each party and shall inure, together with the rights and remedies of the Assignee hereunder, to the benefit of the successors and permitted assigns of the parties hereto, including the Financing Parties and their respective permitted successors, transferees and assigns.

(b) No amendment or waiver of any provisions of this Consent or consent to any departure by any party hereto from any provisions of this Consent shall in any event be effective unless the same shall be in writing and signed by the Assignee and SDG&E.

(c) This Consent shall be governed by, and construed under, the laws of the State of California applicable to contracts made and to be performed in such State and without reference to conflicts of laws. The parties hereto agree that any legal action or proceeding arising out of this Consent may be brought in the courts of the State of California, in and for the County of San Diego, or of the United States of America for the Southern District of California. By execution and delivery of this Consent, the parties hereto accept, for themselves and in respect of their property, generally and unconditionally, the jurisdiction of the aforesaid courts. The parties hereto irrevocably consent to the service of process out of any of the aforementioned courts in any

such action or proceeding by the mailing of copies thereof by registered or certified airmail, postage prepaid, to the Assignee, SDG&E and the Assignor, as the case may be, at their respective addresses for notices as specified herein and that such service shall be effective five (5) business days after such mailing. Nothing herein shall affect the right to serve process in any other manner permitted by law or the right of the Assignee or SDG&E to bring legal action or proceedings in any other competent jurisdiction. The parties hereto hereby waive any right to stay or dismiss any action or proceeding under or in connection with any or all of this Consent or the transactions contemplated hereby brought before the foregoing courts on the basis of *forum non-conveniens*.

(d) EACH OF SDG&E, THE ASSIGNEE AND THE ASSIGNOR HEREBY IRREVOCABLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY LAW, ANY AND ALL RIGHT TO TRIAL BY JURY IN ANY LEGAL PROCEEDING ARISING OUT OF OR RELATING TO THIS CONSENT AND AGREEMENT.

(e) This Consent may be executed in one or more counterparts with the same effect as if such signatures were upon the same instrument. This Consent may be delivered by facsimile transmission.

(f) All notices to be given under this Consent shall be in writing and shall be delivered personally, sent by certified mail return receipt requested or registered first-class mail, postage prepaid, or sent by facsimile, or courier to the intended recipient at its address as set forth on the signature pages below, and all payments to be made under this Consent shall be made by wire transfer of immediately available funds or check representing immediately collectible funds to the account or address of the intended recipient as set forth on the signature pages hereto, unless the recipient has given notice of another address or account for receipt of notices or payments.

(g) This Consent shall terminate in its entirety upon the earlier of (i) the indefeasible payment in full in cash of all obligations of the Assignor under the Credit Agreement, and (ii) the termination of the Credit Agreement in accordance with the terms thereof and the terms of this Consent. The Assignee agrees to give prompt written notice to the Assignor and SDG&E of the occurrence of either such event.

(h) The captions or headings at the beginning of each Section of this Consent are for convenience only and are not a part of this Consent.

IN WITNESS WHEREOF, each of SDG&E, the Assignee and the Assignor has duly executed this Consent and Agreement as of the date first above written.

SAN DIEGO GAS & ELECTRIC
COMPANY

By: _____
Name:
Title:

[Address for Notices:]

[ASSIGNOR]

By: _____
Name:
Title:

[Address for Notices:]

[ASSIGNEE]

By: _____
Name:
Title:

[Address for Notices:]

San Diego Gas & Electric Advice Letter 2421-E
November 15, 2012

ATTACHMENT G

REDLINE OF RAM PROJECT DESCRIPTION FORM

(SHOWS CHANGES MADE TO THE
RAM 2 PROJECT DESCRIPTION FORM)



A  Sempra Energy utility®

RAM PROGRAM
ADVICE LETTER 23492421-E

ATTACHMENT C
PROJECT DESCRIPTION FORM

PROJECT DESCRIPTION FORM



Instructions:

1. Submit one Project Description Form for each project being submitted for SDG&E's consideration.
2. Use green font for information the Respondent deems to be confidential.
3. Limit and focus the discussions so that this form does not exceed 30 pages (10 size font).

A. Company Information

Company Name Submitting Offer(s)
 Company Legal Name or as party to
 potential contract(s) (if different)
 Project Name
Company Street Address
Company City
Company State
Company Zip Code
 How did the company hear of the RAM
 RFO?
 • SDG&E Website
 • Email from SDG&E
 • Colleague
 • Other (please elaborate)

B. Company Representative

	Primary Contact	Secondary Contact
Name		
Title		
Office Phone		
Cell Phone		
Email Address		

C. Project Summary

Expected Project Completion Date
 Nameplate MW AC (at 100% project completion)
 Net Contract MW AC (at 100% project completion)
 Capacity Factor
 Expected MWH (first 12 months after 100% project completion)
 Percent Expected MWH ~~degrades annually~~ degradation per
year

Is the project being bid as Energy Only, FCDS, or both
 (Yes/No)?

Is the project being bid as FCDS (Yes/No)? (note that bidders
may provide both an FCDS and an Energy Only bid for the
same facility)

Project service territory (please select SDG&E, SCE or PG&E)

Has your project ever applied for CSI funds?
 Are you planning to apply for CSI funds for this project?
 Has this project ever participated in NEM?
 Does this project plan to participate in NEM in the future?
 Will this project sell 100% of its output to SDG&E and purchase
 any energy needed to serve onsite load from SDG&E (full
 buy/sell) or will it serve onsite load and sell excess to SDG&E
 (excess sales)?
 If excess sales, will this project sell its entire excess output to
 SDG&E?

If the entire excess output will not be sold to SDG&E, provide an explanation.

D. Eligibility

Criteria

Project Meets Criteria – Enter “Yes” and refer to the location in the application containing the information or explanation. Please include a brief sentence supporting your Eligibility

Project Does Not Meet Criteria – Enter “No” and refer to the location in this document containing the a detailed explanation. Please include a brief sentence summarizing your conclusion

Resource

1. Must be CEC-certifiable as an eligible renewable resource.
2. Must utilize commercially proven technology.
3. Must sell entire output to SDG&E (full buy/sell) or all output in excess of onsite load to SDG&E (excess sales).
4. Must be the only project being developed by the Respondent on any single or contiguous piece of property (~~selling~~not sell partial output from a system sized above 20 MWs ~~will not be permitted~~)

Project Capacity

1. All capacity ratings specified in this RFO must be nameplate capacities for alternating current (“ac”) generation as provided to the power transmission or distribution system. Direct current (“dc”) offers will be rejected for nonconformance.
2. Provide a minimum contract size of ~~4~~greater than 3 MW installed capacity.

~~3. If projects are aggregated to reach the 1 MW minimum installed capacity requirement:~~

- ~~•• Each aggregated project must have a capacity of no less than 500 kW.~~
- ~~•• All aggregated projects comprising~~

a project must interconnect within a single P-node.

- All aggregated projects comprising a project must be owned by a single participant.
- Each aggregated facility must have its own individual CAISO meter.
- No more than 10 projects may be aggregated into one project.
- The total capacity of the aggregated project cannot exceed 5 MW.

3. 4- Maximum project size should be 20 MW installed capacity.

Location/Site Control

1. Projects must be located within the service territories of PG&E, SCE, or SDG&E (please indicate which one).
2. Respondent must have, at time of bidding, site control for the duration of the 10, 15, or 20 year power purchase agreement. A copy of one of the following must be provided:
 - Direct ownership;
 - Lease; or
 - Option to Lease or Purchase upon PPA approval (must be exclusive to the bidder and in effect until the completion of the RFO cycle)

Interconnection

1. One of the following must be completed (please indicate which studies or agreements have been completed):
 - System Impact Study;
 - Phase I interconnection study;

- Passed WDAT Fast Track screen;
 - Passed CAISO Fast Track screen; or
 - Completed Interconnection Agreement
2. A copy of the most recent completed study or equivalent results from the Fast Track process must be included in the offer.

Developer Experience

1. Respondent and/or members of the project development team must have experience. Provide evidence of having completed, or begun construction, of a project using a technology similar to the offered technology, that is at least 1 MW installed capacity.
2. Respondent will maintain contractual control of the facilities and be responsible for development, land acquisition, permitting, financing and construction of the facilities.

Project Start Date

1. The anticipated delivery start date provided must be within 24 months after the expected CPUC Approval date.

Other Incentives Not Permitted

1. Respondents shall not have sought California Solar Incentives (CSI) for the projects being offered, or plan to seek CSI for the entire PPA term.
2. Respondents shall not have participated in the Net Energy Metering (NEM) Program for the projects being offered, or plan to participate in the NEM program for the entire PPA term.
3. Respondents shall not have sought or received any other benefits from small

generator incentive
programs offered by the
State of California or
California utilities.

Is the Seller the Scheduling Coordinator for the Project?
Is the Buyer (SDG&E) the Scheduling Coordinator for the Project?
Product type (please indicate Baseload, Peaking As-Available or Non-Peaking As-Available)
Is the Product a PIRP Participant (Yes/No)?
Is the project being bid as Energy Only (Yes/No)?
Is the project being bid as FCDS (Yes/No)?
Delivery Term (please select 10, 15 or 20)
The quantity of Delivered Energy per year in MWh

Please provide your manufacturer's degradation factor (for solar projects only)
Excess sales or full buy/sell (indicate which option will be utilized by the project)

Proposed Facility Location

Insert/attach evidence of site control in Section M and location maps in Section N. (for projects only in SDG&E service territory) Q.

Project Name
Site Name (if different from above)
Project Street Address
Project City, State
Project Longitude:
Project Latitude:
Project parcel numbers:

Describe merits of proposed site/location.

Discuss status of site control, including required easements. Site control documentation should be in the name of the entity that will sign the RAM PPA. If not, please provide explanation. Note: if shortlisted, Respondent's site control documents must be: 1) in the name of the same entity that will execute the RAM PPA, or 2) shall have been assigned to such entity by the time Respondent accepts its position on the shortlist.

State and explain the percentage of site control that has been achieved.

Interconnection

Interconnection Point
(substation name, line or physical description)

City of Interconnection Point

Proposed Delivery Point

Interconnection COD

Provide an explanation if the Interconnection COD (above) is different than the Expected Project Completion Date specified under the Project Summary Section of this form.

Has an interconnection application been submitted? (please indicate CAISO or WDAT)

Entity that requested study and/or signed interconnection agreement should be the same as entity that will sign RAM PPA. If not, please provide explanation. Note: if shortlisted, Respondent's interconnection documents must be: 1) in the name of the same entity that will execute the RAM PPA, or 2) shall have been assigned to such entity by the time Respondent accepts its position on the shortlist.

Date Application filed

Queue Position

Which study has been completed?

Feasibility Study?

System Impact Study?

Phase 1?

Phase 2?

If the project has a completed deliverability study, please provide the estimated date for completion of the deliverability upgrades.

Bidder acknowledges that the RAM PPA price will be reduced by the Deliverability Value until the project achieves Full Capacity Deliverability Status (Y/N)

Non-Reimbursable Interconnection Costs Listed in the Study (in \$)

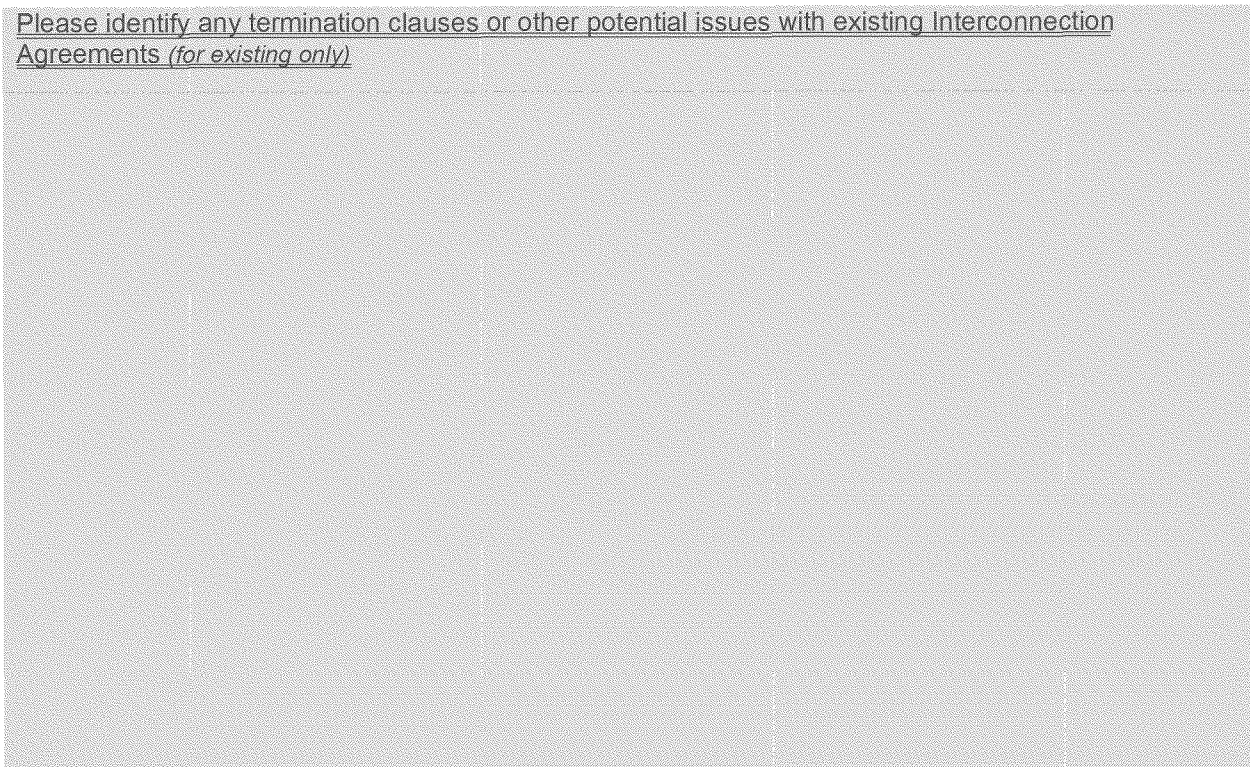
Provide an explanation for any difference between the

Non-Reimbursable Interconnection Costs Listed in the Study (above) and the value listed in cell E5860

(Non-Peaking), E61 (Peaking) of Attachment B3 (Non-reimbursable interconnection costs assumed in bid price).

Discuss interconnection plan and status, including FCDS status. (Even if application has not been submitted.)

Please identify any termination clauses or other potential issues with existing Interconnection Agreements (for existing only)



Proposed Technology and Manufacturer

Describe the proposed technology:

Biogas

Biomass

Geothermal

Hydro

Solar: provide specific details regarding the following and specify whether the facility is Fixed Tilt or Tracking

- Crystalline flat plate Photovoltaic?*
- Thin Film Photovoltaic?*
- Concentrating Photovoltaic?*
- Solar Thermal Electric?*

Wind

Other

Describe the proposed technology and equipment manufacturer by name and model (include inverter characteristics if applicable):

Discuss the viability of proposed technology and credibility of the manufacturer :

Discuss operational reliability of proposed technology and manufacturer.

How many projects and MWs with proposed technology have been installed worldwide? Discuss year(s) of installation, project locations, project size at each location and operational success.

Discuss and provide published reports demonstrating that the proposed technology is commercially proven.

Described the warranty of major components, including panels and inverters.

Ownership and Operations

Explain how the Respondent has operational control of the project. Either through contractual operational control of the project, or if the Respondent is the project operator.

Fuel Source Plan

Has a fuel availability (solar radiation index, biomass and etc...) study been performed for the proposed site? If so, what were the results and how do the results support the projected annual MWHs?

Financing Plan

Discuss the project's financing plan and status, including on-going debt/equity ratio to be carried by the project during construction (if a new facility) and during operation, sources of debt and equity, equity percentage by sponsor, financing organizations (including rates and terms), level of commitment by investors and lenders. If anticipating the need for subsidies, grants, Production Tax Credits, Investment Tax Credits or any other third party monetary awards, detail finances associated with monetary awards and discuss how the lack of funding shall impact the offer and deadlines for obtaining such awards.

Permitting

Populate the following table with a list of required permits and anticipated completion. Include CEC RPS Certification and if applicable, water rights.

No.	Permit Type/Name	Issuing Agency	Expected Completion Date
1			
2			
3			

Has project received
RPS Certification from the CEC?

If yes:
Certification No.

If no:
Date Application filed or to be filed
Describe anticipated issues surrounding
RPS certification.

Discuss plan and status to obtain the permits listed above. Discuss required water rights and status to obtain such rights. Describe scope of assistance from any third party (if applicable).

Schedule

Discuss overall project development and construction schedule.

Insert dates for all applicable milestones below:

<u>No.</u>	<u>Date</u>	<u>Project Name</u>
<u>1.</u>		<u>Obtain control of all lands and rights-of-way comprising the Site.</u>
<u>2.</u>		<u>File a CEC Pre-Certification and Verification application.</u>
<u>3.</u>		<u>Receive a completed Phase II Interconnection Study Report</u>
<u>4.</u>		<u>Complete a comprehensive resource assessment.</u>
<u>5.</u>		<u>File permitting application with appropriate agency(ies).</u>
<u>6.</u>		<u>Execute interconnection agreement and/or transmission agreement.</u>
<u>7.</u>		<u>Receive permitting approval(s)</u>
<u>8.</u>		<u>Execute a supply contract.</u>
<u>9.</u>		<u>Execute an Engineering, Procurement and Construction ("EPC") contract.</u>
<u>10.</u>		<u>Complete financing.</u>
<u>11.</u>		<u>Deliver full NTP under EPC contract and begin construction of the Project.</u>
<u>12.</u>		<u>Execute Meter Service Agreement and Participating Generator Agreement.</u>
<u>13.</u>		<u>Achieve initial operation.</u>
<u>14.</u>		<u>Receive all Governmental Approvals necessary to achieve Commercial Operation.</u>
<u>15.</u>		<u>Receive CEC Certification and Verification.</u>

Operational Characteristics

Insert Facility Drawings in Section P of this Response Form.

Discuss operational characteristics including required maintenance, delivery profile (peak and off-peak, hourly, daily, seasonal, annual), curtailability and dispatchability.

For excess sales bids: include details on onsite load estimates and meter configuration (if CAISO meter reflects subtraction of customer onsite load from Project output).

Corporate Profile and Experience

Please be brief and refrain from including extensive marketing materials, resumes, etc, especially information outside the scope of the project.

Corporate background and organizational structure for the project.

Describe project team's background and experience developing projects of a similar nature and technology. How many MW total are currently ~~in~~ under construction?

List and describe other projects of a similar nature and technology developed by Respondent currently in operation. ~~How many MW do~~What are the total MW of projects total? installed.

Evidence of Site Control

Please attach/insert evidence of site control. Note: if shortlisted, Respondent's site control documents must be: 1) in the name of the same entity that will execute the RAM PPA, or 2) shall have been assigned to such entity by the time Respondent accepts its position on the shortlist. The following will be accepted:

- a) *Documentation evidencing ~~Respondent own~~ ownership of the site of proposed project (including easements).*
- b) *A signed lease of the project site for the term of the PPA (if available)*
- c) *A signed letter or contract evidencing an exclusive option to lease or purchase the project site for the term of the PPA.*

Location Map

Site

Insert site location map(s) clearly showing the location, size, and orientation of the site; the location of the expected interconnections for transmission, fuel, and water; and the location of residential communities, schools, hospitals, airports, churches, cemeteries, or other expected sensitive receptors neighbors within five miles of the site.

Facility Design and Drawings

Insert facility drawings and diagrams including general equipment arrangement of the project, electric interconnect one line diagram showing the scope of supply, delivery point and metering for the electric interconnection including any transmission line and switchyard.

Local Opportunities

*Explain in detail the contributions the project will make to the local community.
(i.e. utilizing local resources and employing local hires).*

Insert interconnection study or agreement. Note: if shortlisted, Respondent's interconnection documents must be: 1) in the name of the same entity that will execute the RAM PPA, or 2) shall have been assigned to such entity by the time Respondent accepts its position on the shortlist.

Additional Information

Insert additional relevant information necessary for SDG&E to evaluate the merits of the proposal.

Confidential Information

Identify parts, sections and elements of the offer (including information in this and all other forms) which Respondent considers to be Confidential and Proprietary in accordance with RFO Section 9 Confidentiality.

San Diego Gas & Electric Advice Letter 2421-E
November 15, 2012

ATTACHMENT H1

REDLINE OF RAM OFF PEAK AND BASELOAD
PRICING FORM

(SHOWS CHANGES MADE TO
RAM 2 OFF PEAK AND BASELOAD PRICING FORM)

**2012 RAM Solicitation
Non-Peaking, Non-Local**



Pricing Form

Instructions: Only one pricing offer per project will be considered.
Fill-in only highlighted cells.

Company Information	
Company Name Submitting Offer:	
Company Name on Potential Contract:	
Company Address:	
Company is Women/Minority/Disabled Veteran owned Business Enterprise as per CPUC General Order 1567?	

Company Representative	
Primary Contact	Secondary Contact
Contact Name:	
Contact Title:	
Office Number:	
Cell Number:	
Email:	

Offer Characteristics	
Note: Flat pricing is no longer an option for RAM bids. All prices must be adjusted with time-of-day factors.	
Project Name:	
Commercial Operation Date:	Phase II or Deliverability Study Completed?
Interconnection Type:	Expected Completion Date of Reliability Upgrades:
Contract Term (years):	Year FCDS Achieved (default of 2022 if no study): N/A

System Characteristics	
Installed Nameplate MW:	
Net Contract Capacity, MW:	
Technology:	
Turbine Manufacturer:	
Operation Type:	Please select technology in cell P20 above.
Project in SDG&E's Local Area? IOU Service Area at project's location:	Deliverability Type: N/A

Your Deliverability Value Is: \$ - /MWh
Your Deliverability Adder Is: \$ - /MWh

Contract Year	Year Begins	Year Ends	Contract Capacity (MW AC)	Expected Energy Deliveries (MWh)	Bid Price (\$/MWh)	TOD-Adjusted Price	ENERGY DELIVERIES (MWH)						TOD PRICES (\$/MWH)						TOTAL CONTRACT COST
							Winter Off-Peak 34.73%	Winter Semi-Peak 13.81%	Winter On-Peak 17.76%	Summer Off-Peak 16.65%	Summer Semi-Peak 9.03%	Summer On-Peak 8.02%	Winter Off-Peak 0.774	Winter Semi-Peak 1.078	Winter On-Peak 1.192	Summer Off-Peak 0.900	Summer Semi-Peak 1.181	Summer On-Peak 1.531	
1						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
2						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
3						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
4						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
5						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
6						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
7						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
8						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
9						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
10						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
11						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
12						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
13						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
14						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
15						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
16						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
17						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
18						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
19						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
20						\$ -							\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0

Your Levelized TOD adjusted price \$ - /MWH
Development Period Security \$ -
Delivery Period Security \$ -
FOR FCDS BIDS: The Levelized TOD adjusted price shown here assumes that FCDS is achieved as of COD. Bids that cannot provide FCDS at COD will have their PPA TOD prices reduced by the Deliverability Value until FCDS is achieved, which will produce a lower TOD Adjusted price in the PPA than what's shown here.
Per Article 8 of the PPA (Section 8.3 Performance Assurance)
Per Article 8 of the PPA (Section 8.3 Performance Assurance)

Electrical Interconnection	
Interconnection Point	
Interconnection Voltage Level	
Interconnection Status	
Queue Position Number (if assigned)	
How much in non-reimbursable interconnection cost is assumed in your bid price?	

Instructions:

Populate the table with expected hourly capacity factor of your project during the indicated time periods.

- Assume project is at 100% completion of all phases.
- Disregard any degradation over time.

				EXPECTED NET CAPACITY FACTOR (%)											
				WINTER						SUMMER				WINTER	
				January	February	March	April	May	June	July	August	September	October	November	December
Weekday	Hour Beginning	Hour of Day	Hour of Week												
Monday	12:00 AM	1	1												
Monday	1:00 AM	2	2												
Monday	2:00 AM	3	3												
Monday	3:00 AM	4	4												
Monday	4:00 AM	5	5												
Monday	5:00 AM	6	6												
Monday	6:00 AM	7	7												
Monday	7:00 AM	8	8												
Monday	8:00 AM	9	9												
Monday	9:00 AM	10	10												
Monday	10:00 AM	11	11												
Monday	11:00 AM	12	12												
Monday	12:00 PM	13	13												
Monday	1:00 PM	14	14												
Monday	2:00 PM	15	15												
Monday	3:00 PM	16	16												
Monday	4:00 PM	17	17												
Monday	5:00 PM	18	18												
Monday	6:00 PM	19	19												
Monday	7:00 PM	20	20												
Monday	8:00 PM	21	21												
Monday	9:00 PM	22	22												
Monday	10:00 PM	23	23												
Monday	11:00 PM	24	24												
Tuesday	12:00 AM	1	25												
Tuesday	1:00 AM	2	26												
Tuesday	2:00 AM	3	27												
Tuesday	3:00 AM	4	28												
Tuesday	4:00 AM	5	29												
Tuesday	5:00 AM	6	30												
Tuesday	6:00 AM	7	31												
Tuesday	7:00 AM	8	32												
Tuesday	8:00 AM	9	33												
Tuesday	9:00 AM	10	34												
Tuesday	10:00 AM	11	35												
Tuesday	11:00 AM	12	36												
Tuesday	12:00 PM	13	37												
Tuesday	1:00 PM	14	38												
Tuesday	2:00 PM	15	39												
Tuesday	3:00 PM	16	40												
Tuesday	4:00 PM	17	41												
Tuesday	5:00 PM	18	42												
Tuesday	6:00 PM	19	43												
Tuesday	7:00 PM	20	44												
Tuesday	8:00 PM	21	45												
Tuesday	9:00 PM	22	46												
Tuesday	10:00 PM	23	47												
Tuesday	11:00 PM	24	48												
Wednesday	12:00 AM	1	49												
Wednesday	1:00 AM	2	50												
Wednesday	2:00 AM	3	51												
Wednesday	3:00 AM	4	52												
Wednesday	4:00 AM	5	53												
Wednesday	5:00 AM	6	54												
Wednesday	6:00 AM	7	55												
Wednesday	7:00 AM	8	56												
Wednesday	8:00 AM	9	57												
Wednesday	9:00 AM	10	58												
Wednesday	10:00 AM	11	59												
Wednesday	11:00 AM	12	60												
Wednesday	12:00 PM	13	61												
Wednesday	1:00 PM	14	62												
Wednesday	2:00 PM	15	63												
Wednesday	3:00 PM	16	64												
Wednesday	4:00 PM	17	65												
Wednesday	5:00 PM	18	66												
Wednesday	6:00 PM	19	67												
Wednesday	7:00 PM	20	68												
Wednesday	8:00 PM	21	69												
Wednesday	9:00 PM	22	70												
Wednesday	10:00 PM	23	71												
Wednesday	11:00 PM	24	72												
Thursday	12:00 AM	1	73												
Thursday	1:00 AM	2	74												
Thursday	2:00 AM	3	75												
Thursday	3:00 AM	4	76												

EXPECTED NET CAPACITY FACTOR (%)															
				WINTER						SUMMER				WINTER	
Weekday	Hour Beginning	Hour of Day	Hour of Week	January	February	March	April	May	June	July	August	September	October	November	December
Thursday	4:00 AM	5	77												
Thursday	5:00 AM	6	78												
Thursday	6:00 AM	7	79												
Thursday	7:00 AM	8	80												
Thursday	8:00 AM	9	81												
Thursday	9:00 AM	10	82												
Thursday	10:00 AM	11	83												
Thursday	11:00 AM	12	84												
Thursday	12:00 PM	13	85												
Thursday	1:00 PM	14	86												
Thursday	2:00 PM	15	87												
Thursday	3:00 PM	16	88												
Thursday	4:00 PM	17	89												
Thursday	5:00 PM	18	90												
Thursday	6:00 PM	19	91												
Thursday	7:00 PM	20	92												
Thursday	8:00 PM	21	93												
Thursday	9:00 PM	22	94												
Thursday	10:00 PM	23	95												
Thursday	11:00 PM	24	96												
Friday	12:00 AM	1	97												
Friday	1:00 AM	2	98												
Friday	2:00 AM	3	99												
Friday	3:00 AM	4	100												
Friday	4:00 AM	5	101												
Friday	5:00 AM	6	102												
Friday	6:00 AM	7	103												
Friday	7:00 AM	8	104												
Friday	8:00 AM	9	105												
Friday	9:00 AM	10	106												
Friday	10:00 AM	11	107												
Friday	11:00 AM	12	108												
Friday	12:00 PM	13	109												
Friday	1:00 PM	14	110												
Friday	2:00 PM	15	111												
Friday	3:00 PM	16	112												
Friday	4:00 PM	17	113												
Friday	5:00 PM	18	114												
Friday	6:00 PM	19	115												
Friday	7:00 PM	20	116												
Friday	8:00 PM	21	117												
Friday	9:00 PM	22	118												
Friday	10:00 PM	23	119												
Friday	11:00 PM	24	120												
Saturday	12:00 AM	1	121												
Saturday	1:00 AM	2	122												
Saturday	2:00 AM	3	123												
Saturday	3:00 AM	4	124												
Saturday	4:00 AM	5	125												
Saturday	5:00 AM	6	126												
Saturday	6:00 AM	7	127												
Saturday	7:00 AM	8	128												
Saturday	8:00 AM	9	129												
Saturday	9:00 AM	10	130												
Saturday	10:00 AM	11	131												
Saturday	11:00 AM	12	132												
Saturday	12:00 PM	13	133												
Saturday	1:00 PM	14	134												
Saturday	2:00 PM	15	135												
Saturday	3:00 PM	16	136												
Saturday	4:00 PM	17	137												
Saturday	5:00 PM	18	138												
Saturday	6:00 PM	19	139												
Saturday	7:00 PM	20	140												
Saturday	8:00 PM	21	141												
Saturday	9:00 PM	22	142												
Saturday	10:00 PM	23	143												
Saturday	11:00 PM	24	144												
Sunday	12:00 AM	1	145												
Sunday	1:00 AM	2	146												
Sunday	2:00 AM	3	147												
Sunday	3:00 AM	4	148												
Sunday	4:00 AM	5	149												
Sunday	5:00 AM	6	150												
Sunday	6:00 AM	7	151												
Sunday	7:00 AM	8	152												
Sunday	8:00 AM	9	153												
Sunday	9:00 AM	10	154												
Sunday	10:00 AM	11	155												
Sunday	11:00 AM	12	156												
Sunday	12:00 PM	13	157												
Sunday	1:00 PM	14	158												
Sunday	2:00 PM	15	159												
Sunday	3:00 PM	16	160												
Sunday	4:00 PM	17	161												
Sunday	5:00 PM	18	162												
Sunday	6:00 PM	19	163												
Sunday	7:00 PM	20	164												

EXPECTED NET CAPACITY FACTOR (%)															
				WINTER						SUMMER				WINTER	
Weekday	Hour Beginning	Hour of Day	Hour of Week	January	February	March	April	May	June	July	August	September	October	November	December
Sunday	8:00 PM	21	165												
Sunday	9:00 PM	22	166												
Sunday	10:00 PM	23	167												
Sunday	11:00 PM	24	168												

Total MWhs in Typical Week:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total MWhs in Month:	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
% of annual delivery in month:	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Winter Off-Peak	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!					#DIV/0!	#DIV/0!
Winter Semi-Peak	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!					#DIV/0!	#DIV/0!
Winter On-Peak	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!					#DIV/0!	#DIV/0!
Summer Off-Peak										#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		
Summer Semi-Peak										#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		
Summer On-Peak										#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		

Annual TOD Breakdown:	Winter Off-Peak	Winter Semi-Peak	Winter On-Peak	Summer Off-Peak	Summer Semi-Peak	Summer On-Peak
	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Typical Profiles:	Wind	Baseload
	40.29%	34.73%
	17.75%	13.81%
	19.01%	17.76%
	11.90%	16.65%
	5.84%	9.03%
	5.21%	8.02%



Operation Date	Contract Term (years)									
	5	6	7	8	9	10	15	20		
2012	69,3060	71,0138	72,5937	74,0860	75,5227	76,8875	81,5280	89,5594		
2013	74,0650	75,5513	76,9817	78,3685	79,7222	81,0433	87,7557	93,7579		
2014	77,6319	79,0721	80,4768	81,8539	83,2051	84,5377	91,5035	97,5536		
2015	80,9591	82,3999	83,8064	85,1977	86,5701	88,0090	95,1940	101,3179		
2016	84,2412	85,6943	87,0618	88,4171	90,0215	91,6021	98,8112	105,9988		
2017	87,6386	88,5307	90,0101	91,4248	93,2515	94,8770	102,2210	108,5892		
2018	89,9950	91,5305	93,2239	94,9410	96,6489	98,3104	105,6957	112,1775		
2019	93,0358	94,8312	96,4389	98,4380	100,4760	101,8021	109,2720	115,8626		
2020	96,4410	98,1938	100,2497	102,0766	103,8244	105,6059	112,9986	119,5473		
2021	100,3049	102,1077	104,0224	105,8438	107,5780	109,1593	116,7490	123,5323		
2022	104,0957	106,0374	107,9283	109,7309	111,3421	112,9858	120,6648	127,5179		
2023	108,1619	110,1073	111,9950	113,5918	115,2769	116,9091	124,6829	131,5985		

PROJECT COD/START YEAR 1900

TERM 0

BASELAD MPR 0.0000

MPR TOD ALL-IN CONTRACT	Summer On-Peak Expected				Winter On-Peak Expected				Summer Semi-Peak Expected				Winter Semi-Peak Expected				Summer Off-Peak Expected				Winter Off-Peak Expected				Total MPR	Annual TOD	Discount	Discounted	Discounted							
	Y8	MWh	MPR \$/MWh	Multiplier	TOD Price	Period Cost	MWh	MPR \$/MWh	Multiplier	TOD Price	Period Cost	MWh	MPR \$/MWh	Multiplier	TOD Price	Period Cost	MWh	MPR \$/MWh	Multiplier	TOD Price	Period Cost	MWh	MPR \$/MWh	Multiplier						TOD Price	Period Cost	MWh	MPR \$/MWh	Multiplier	TOD Price	Period Cost
1	0.00	50.00	2.501	90.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.342	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.984	-	0.0
2	0.00	50.00	2.501	90.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.342	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.984	-	0.0
3	0.00	50.00	2.501	90.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.342	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.984	-	0.0
4	0.00	50.00	2.501	90.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.342	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.984	-	0.0
5	0.00	50.00	2.501	90.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.342	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.984	-	0.0
6	0.00	50.00	2.501	90.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.342	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.984	-	0.0
7	0.00	50.00	2.501	90.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.342	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.984	-	0.0
8	0.00	50.00	2.501	90.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.342	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.984	-	0.0
9	0.00	50.00	2.501	90.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.342	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.984	-	0.0
10	0.00	50.00	2.501	90.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.342	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.984	-	0.0
11	0.00	50.00	2.501	90.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.342	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.984	-	0.0
12	0.00	50.00	2.501	90.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.342	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.984	-	0.0
13	0.00	50.00	2.501	90.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.342	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.984	-	0.0
14	0.00	50.00	2.501	90.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.342	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.984	-	0.0
15	0.00	50.00	2.501	90.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.342	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.984	-	0.0
16	0.00	50.00	2.501	90.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.342	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.984	-	0.0
17	0.00	50.00	2.501	90.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.342	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.984	-	0.0
18	0.00	50.00	2.501	90.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.342	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.984	-	0.0
19	0.00	50.00	2.501	90.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.342	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.984	-	0.0
20	0.00	50.00	2.501	90.00	-	0.00	50.00	1.089	50.00	-	0.00	50.00	1.342	50.00	-	0.00	50.00	0.947	50.00	-	0.00	50.00	0.801	50.00	-	0.00	50.00	0.679	50.00	-	0.0	0.0	50.00	1.984	-	0.0
TOTAL FCDS PAYMENT STREAM																																				
PV OF FCDS PAYMENT STREAM																																				

MPR TOD ENERGY ONLY CONTRACT	Summer On-Peak Expected				Winter On-Peak Expected				Summer Semi-Peak Expected				Winter Semi-Peak Expected				Summer Off-Peak Expected				Winter Off-Peak Expected				Total MPR	Annual TOD	Discount	Discounted	Discounted							
	Y8	MWh	MPR \$/MWh	Multiplier	TOD Price	Period Cost	MWh	MPR \$/MWh	Multiplier	TOD Price	Period Cost	MWh	MPR \$/MWh	Multiplier	TOD Price	Period Cost	MWh	MPR \$/MWh	Multiplier	TOD Price	Period Cost	MWh	MPR \$/MWh	Multiplier						TOD Price	Period Cost	MWh	MPR \$/MWh	Multiplier	TOD Price	Period Cost
1	0.00	50.00	1.531	90.00	-	0.00	50.00	1.192	50.00	-	0.00	50.00	1.181	50.00	-	0.00	50.00	1.078	50.00	-	0.00	50.00	0.9	50.00	-	0.00	50.00	0.774	50.00	-	0.0	0.0	50.00	2.000	-	0.0
2	0.00	50.00	1.531	90.00	-	0.00	50.00	1.192	50.00	-	0.00	50.00	1.181	50.00	-	0.00	50.00	1.078	50.00	-	0.00	50.00	0.9	50.00	-	0.00	50.00	0.774	50.00	-	0.0	0.0	50.00	1.984	-	0.0
3	0.00	50.00	1.531	90.00	-	0.00	50.00	1.192	50.00	-	0.00	50.00	1.181	50.00	-	0.00	50.00	1.078	50.00	-	0.00	50.00	0.9	50.00	-	0.00	50.00	0.774	50.00	-	0.0	0.0	50.00	1.984	-	0.0
4	0.00	50.00	1.531	90.00	-	0.00	50.00	1.192	50.00	-	0.00	50.00	1.181	50.00	-	0.00	50.00	1.078	50.00	-	0.00	50.00	0.9	50.00	-	0.00	50.00	0.774	50.00	-	0.0	0.0	50.00	1.984	-	0.0
5	0.00	50.00	1.531	90.00	-	0.00	50.00	1.192	50.00	-	0.00	50.00	1.181	50.00	-	0.00	50.00	1.078	50.00	-	0.00	50.00	0.9	50.00	-	0.00	50.00	0.774	50.00	-	0.0	0.0	50.00	1.984	-	0.0
6	0.00	50.00	1.531	90.00	-	0.00	50.00	1.192	50.00	-	0.00	50.00	1.181	50.00	-	0.00	50.00	1.078	50.00	-	0.00	50.00	0.9	50.00	-	0.00	50.00	0.774	50.00	-	0.0	0.0	50.00	1.984	-	0.0
7	0.00	50.00	1.531	90.00	-	0.00	50.00	1.192	50.00	-	0.00	50.00	1.181	50.00	-	0.00	50.00	1.078	50.00	-	0.00	50.00	0.9	50.00	-	0.00	50.00	0.774	50.00	-	0.0	0.0	50.00	1.984	-	0.0
8	0.00	50.00	1.531	90.00	-	0.00	50.00	1.192	50.00	-	0.00	50.00	1.181	50.00	-	0.00	50.00	1.078	50.00	-	0.00	50.00	0.9	50.00	-	0.00	50.00	0.774	50.00	-	0.0	0.0	50.00	1.984	-</	

San Diego Gas & Electric Advice Letter 2421-E
November 15, 2012

ATTACHMENT H2

REDLINE OF RAM PEAK PRICING FORM

(SHOWS CHANGES MADE TO
RAM 2 PEAK PRICING FORM)

**2012 RAM Solicitation
Peaking , Non-Local**



Pricing Form

Instructions: Only one pricing offer per project will be considered.
Fill-in only highlighted cells.

Company Information	
Company Name Submitting Offer:	
Company Name on Potential Contract:	
Company Address:	
Company is Women/Minority/Disabled Veteran owned Business Enterprise as per CPUC General Order 156?	

Company Representative	
Primary Contact	Secondary Contact
Contact Name:	
Contact Title:	
Office Number:	
Cell Number:	
Email:	

Offer Characteristics	
Note: Flat pricing is no longer an option for RAM bids. All prices must be adjusted with time-of-day factors.	
Project Name:	
Commercial Operation Date:	Phase II or Deliverability Study Completed?
Interconnection Type:	Expected Completion Date of Reliability Upgrades:
Contract Term (years):	Year FCDS Achieved (default of 2022 if no study): 2022

System Characteristics	
Installed Nameplate MWdc:	
Net Contract Capacity, MWac:	
Solar Technology:	
Manufacturer:	
Tracking system:	
Installation Area, square feet:	
Deliverability Type:	N/A

Your Deliverability Value Is: \$ - /MWh
Your Deliverability Adder Is: \$ - /MWh

Project in SDG&E's Local Area? IOU Service Area at project's location:

Contract Year	Year Begins	Year Ends	Contract Capacity (MW AC)	Expected Energy Deliveries (MWh)	Bid Price (\$/MWh)	TOD-Adjusted Price	ENERGY DELIVERIES (MWH)						TOD PRICES (\$/MWH)						TOTAL CONTRACT COST	
							Winter Off-Peak	Winter Semi-Peak	Winter On-Peak	Summer Off-Peak	Summer Semi-Peak	Summer On-Peak	Winter Off-Peak	Winter Semi-Peak	Winter On-Peak	Summer Off-Peak	Summer Semi-Peak	Summer On-Peak		
							18.25%	24.62%	19.67%	10.89%	10.05%	16.51%	0.774	1.078	1.192	0.900	1.181	1.531		
1						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
2						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
3						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
4						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
5						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
6						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
7						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
8						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
9						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
10						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
11						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
12						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
13						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
14						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
15						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
16						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
17						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
18						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
19						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0
20						\$ -	-	-	-	-	-	-	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0

Your Levelized TOD adjusted price \$ - /MWH
Development Period Security \$ -
Delivery Period Security \$ -

FOR FCDS BIDS: The Levelized TOD adjusted price shown here assumes that FCDS is achieved as of COD. Bids that cannot provide FCDS at COD will have their PPA TOD prices reduced by the Deliverability Value until FCDS is achieved, which will produce a lower TOD Adjusted price in the PPA than what is shown here.
Per Article 8 of the PPA (Section 8.3 Performance Assurance)
Per Article 8 of the PPA (Section 8.3 Performance Assurance)

Electrical Interconnection	
Interconnection Point	
Interconnection Voltage Level	
Interconnection Status	
Queue Position Number (if assigned)	
How much in non-reimbursable interconnection cost is assumed in your bid price?	

Instructions:

Populate the table with expected hourly capacity factor of your project during the indicated time periods.
 - Assume project is at 100% completion of all phases.
 - Disregard any degradation over time.

		EXPECTED NET CAPACITY FACTOR (%)												
		WINTER						SUMMER				WINTER		
Weekday	Hour of Day	Hour of Week	January	February	March	April	May	June	July	August	September	October	November	December
Monday	12:00 AM	1												
Monday	1:00 AM	2												
Monday	2:00 AM	3												
Monday	3:00 AM	4												
Monday	4:00 AM	5												
Monday	5:00 AM	6												
Monday	6:00 AM	7												
Monday	7:00 AM	8												
Monday	8:00 AM	9												
Monday	9:00 AM	10												
Monday	10:00 AM	11												
Monday	11:00 AM	12												
Monday	12:00 PM	13												
Monday	1:00 PM	14												
Monday	2:00 PM	15												
Monday	3:00 PM	16												
Monday	4:00 PM	17												
Monday	5:00 PM	18												
Monday	6:00 PM	19												
Monday	7:00 PM	20												
Monday	8:00 PM	21												
Monday	9:00 PM	22												
Monday	10:00 PM	23												
Monday	11:00 PM	24												
Tuesday	12:00 AM	1												
Tuesday	1:00 AM	2												
Tuesday	2:00 AM	3												
Tuesday	3:00 AM	4												
Tuesday	4:00 AM	5												
Tuesday	5:00 AM	6												
Tuesday	6:00 AM	7												
Tuesday	7:00 AM	8												
Tuesday	8:00 AM	9												
Tuesday	9:00 AM	10												
Tuesday	10:00 AM	11												
Tuesday	11:00 AM	12												
Tuesday	12:00 PM	13												
Tuesday	1:00 PM	14												
Tuesday	2:00 PM	15												
Tuesday	3:00 PM	16												
Tuesday	4:00 PM	17												
Tuesday	5:00 PM	18												
Tuesday	6:00 PM	19												
Tuesday	7:00 PM	20												
Tuesday	8:00 PM	21												
Tuesday	9:00 PM	22												
Tuesday	10:00 PM	23												
Tuesday	11:00 PM	24												
Wednesday	12:00 AM	1												
Wednesday	1:00 AM	2												
Wednesday	2:00 AM	3												
Wednesday	3:00 AM	4												
Wednesday	4:00 AM	5												
Wednesday	5:00 AM	6												
Wednesday	6:00 AM	7												
Wednesday	7:00 AM	8												
Wednesday	8:00 AM	9												
Wednesday	9:00 AM	10												
Wednesday	10:00 AM	11												
Wednesday	11:00 AM	12												
Wednesday	12:00 PM	13												
Wednesday	1:00 PM	14												
Wednesday	2:00 PM	15												
Wednesday	3:00 PM	16												
Wednesday	4:00 PM	17												
Wednesday	5:00 PM	18												
Wednesday	6:00 PM	19												
Wednesday	7:00 PM	20												
Wednesday	8:00 PM	21												
Wednesday	9:00 PM	22												
Wednesday	10:00 PM	23												
Wednesday	11:00 PM	24												
Thursday	12:00 AM	1												
Thursday	1:00 AM	2												
Thursday	2:00 AM	3												

EXPECTED NET CAPACITY FACTOR (%)															
				WINTER						SUMMER				WINTER	
				January	February	March	April	May	June	July	August	September	October	November	December
Weekday	Hour Beginning	Hour of Day	Hour of Week												
Thursday	3:00 AM	4	76												
Thursday	4:00 AM	5	77												
Thursday	5:00 AM	6	78												
Thursday	6:00 AM	7	79												
Thursday	7:00 AM	8	80												
Thursday	8:00 AM	9	81												
Thursday	9:00 AM	10	82												
Thursday	10:00 AM	11	83												
Thursday	11:00 AM	12	84												
Thursday	12:00 PM	13	85												
Thursday	1:00 PM	14	86												
Thursday	2:00 PM	15	87												
Thursday	3:00 PM	16	88												
Thursday	4:00 PM	17	89												
Thursday	5:00 PM	18	90												
Thursday	6:00 PM	19	91												
Thursday	7:00 PM	20	92												
Thursday	8:00 PM	21	93												
Thursday	9:00 PM	22	94												
Thursday	10:00 PM	23	95												
Thursday	11:00 PM	24	96												
Friday	12:00 AM	1	97												
Friday	1:00 AM	2	98												
Friday	2:00 AM	3	99												
Friday	3:00 AM	4	100												
Friday	4:00 AM	5	101												
Friday	5:00 AM	6	102												
Friday	6:00 AM	7	103												
Friday	7:00 AM	8	104												
Friday	8:00 AM	9	105												
Friday	9:00 AM	10	106												
Friday	10:00 AM	11	107												
Friday	11:00 AM	12	108												
Friday	12:00 PM	13	109												
Friday	1:00 PM	14	110												
Friday	2:00 PM	15	111												
Friday	3:00 PM	16	112												
Friday	4:00 PM	17	113												
Friday	5:00 PM	18	114												
Friday	6:00 PM	19	115												
Friday	7:00 PM	20	116												
Friday	8:00 PM	21	117												
Friday	9:00 PM	22	118												
Friday	10:00 PM	23	119												
Friday	11:00 PM	24	120												
Saturday	12:00 AM	1	121												
Saturday	1:00 AM	2	122												
Saturday	2:00 AM	3	123												
Saturday	3:00 AM	4	124												
Saturday	4:00 AM	5	125												
Saturday	5:00 AM	6	126												
Saturday	6:00 AM	7	127												
Saturday	7:00 AM	8	128												
Saturday	8:00 AM	9	129												
Saturday	9:00 AM	10	130												
Saturday	10:00 AM	11	131												
Saturday	11:00 AM	12	132												
Saturday	12:00 PM	13	133												
Saturday	1:00 PM	14	134												
Saturday	2:00 PM	15	135												
Saturday	3:00 PM	16	136												
Saturday	4:00 PM	17	137												
Saturday	5:00 PM	18	138												
Saturday	6:00 PM	19	139												
Saturday	7:00 PM	20	140												
Saturday	8:00 PM	21	141												
Saturday	9:00 PM	22	142												
Saturday	10:00 PM	23	143												
Saturday	11:00 PM	24	144												
Sunday	12:00 AM	1	145												
Sunday	1:00 AM	2	146												
Sunday	2:00 AM	3	147												
Sunday	3:00 AM	4	148												
Sunday	4:00 AM	5	149												
Sunday	5:00 AM	6	150												
Sunday	6:00 AM	7	151												
Sunday	7:00 AM	8	152												
Sunday	8:00 AM	9	153												
Sunday	9:00 AM	10	154												
Sunday	10:00 AM	11	155												
Sunday	11:00 AM	12	156												
Sunday	12:00 PM	13	157												
Sunday	1:00 PM	14	158												
Sunday	2:00 PM	15	159												
Sunday	3:00 PM	16	160												
Sunday	4:00 PM	17	161												

Weekday	Beginning	Hour	Hour	EXPECTED NET CAPACITY FACTOR (%)											
				WINTER			SUMMER			WINTER			SUMMER		
Hour	of	of	Hour	January	February	March	April	May	June	July	August	September	October	November	December
Sunday	5:00 PM	18	162												
Sunday	6:00 PM	19	163												
Sunday	7:00 PM	20	164												
Sunday	8:00 PM	21	165												
Sunday	9:00 PM	22	166												
Sunday	10:00 PM	23	167												
Sunday	11:00 PM	24	168												

Total MWhs in Typical Week:	January	February	March	April	May	June	July	August	September	October	November	December
% of annual delivery in month:	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Winter Off-Peak	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Winter Semi-Peak	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Winter On-Peak	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Summer Off-Peak	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Summer Semi-Peak	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!
Summer On-Peak	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Annual TOD Breakdown:	Peak	Semi-Peak	Off-Peak	Summer	Summer	Summer
Winter Off-Peak	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Winter On-Peak	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Summer	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%

Typical Profiles:	Solar Photovoltaic	Solar Thermal
Winter Off-Peak	18.50%	18.25%
Winter On-Peak	27.67%	24.62%
Summer	18.58%	19.67%
Summer	10.07%	10.89%
Summer	7.01%	10.05%
Summer	18.17%	16.51%



Operation Date	Contract Term (years)									
	5	6	7	8	9	10	15	20		
2012	69,3060	71,0138	72,5957	74,0860	75,5122	76,8875	83,5280	89,5594		
2013	74,0650	75,5513	76,8817	78,3485	79,7212	81,0433	87,7557	93,7579		
2014	77,6319	79,0721	80,4768	81,8539	83,2051	84,5377	91,5035	97,5556		
2015	80,9593	82,3999	83,8066	85,1957	86,5701	88,0396	95,0490	101,1179		
2016	84,1412	85,6045	87,0453	88,4721	90,0315	91,5620	98,8311	105,0008		
2017	87,0386	88,5307	90,0101	91,6248	93,2515	94,8770	102,2220	108,5892		
2018	89,9550	91,5305	93,2299	94,9410	96,6489	98,3104	105,6977	112,1275		
2019	93,0594	94,8332	96,6349	98,4600	100,3183	102,2121	109,2730	115,8624		
2020	96,4413	98,3558	100,2497	102,0766	103,8244	105,4950	112,9580	119,6470		
2021	100,1049	102,1077	104,0224	105,8438	107,5780	109,1593	116,7490	123,5323		
2022	104,0957	106,0874	107,9283	109,7209	111,3421	112,8838	120,6648	127,5379		
2023	108,3619	110,3074	111,9450	113,5918	115,2769	116,9093	124,6820	131,5985		

PROJECT COD/START YEAR		1900		TERM		0		BASELOAD MPR		0.0000																																	
MTR TOD ALL-IN	CONTRACT	Summer On-Peak Expected			Winter On-Peak Expected			Summer Semi-Peak Expected			Winter Semi-Peak Expected			Summer Off-Peak Expected			Winter Off-Peak Expected			Total MPR Cost \$/MWh	Annual TOD \$/MWh	Discount Factor	Discounted GWh	Discounted Cost																			
		MWh	MPR \$/MWh	Multiplier	TOD Price	Period Cost	MWh	MPR \$/MWh	Multiplier	TOD Price	Period Cost	MWh	MPR \$/MWh	Multiplier	TOD Price	Period Cost	MWh	MPR \$/MWh	Multiplier						TOD Price	Period Cost	MWh	MPR \$/MWh	Multiplier	TOD Price	Period Cost												
1	1	0.00	50.00	2.501	50.00	-	-	0.00	50.00	1.089	50.00	-	-	0.00	50.00	1.942	50.00	-	-	0.00	50.00	0.947	50.00	-	-	0.00	50.00	0.811	50.00	-	-	0.00	50.00	0.679	50.00	-	-	0.0	0.0	\$0.00	1,900	-	0.0
2	2	0.00	50.00	2.501	50.00	-	-	0.00	50.00	1.089	50.00	-	-	0.00	50.00	1.942	50.00	-	-	0.00	50.00	0.947	50.00	-	-	0.00	50.00	0.811	50.00	-	-	0.00	50.00	0.679	50.00	-	-	0.0	0.0	\$0.00	1,084	-	0.0
3	3	0.00	50.00	2.501	50.00	-	-	0.00	50.00	1.089	50.00	-	-	0.00	50.00	1.942	50.00	-	-	0.00	50.00	0.947	50.00	-	-	0.00	50.00	0.811	50.00	-	-	0.00	50.00	0.679	50.00	-	-	0.0	0.0	\$0.00	1,175	-	0.0
4	4	0.00	50.00	2.501	50.00	-	-	0.00	50.00	1.089	50.00	-	-	0.00	50.00	1.942	50.00	-	-	0.00	50.00	0.947	50.00	-	-	0.00	50.00	0.811	50.00	-	-	0.00	50.00	0.679	50.00	-	-	0.0	0.0	\$0.00	1,274	-	0.0
5	5	0.00	50.00	2.501	50.00	-	-	0.00	50.00	1.089	50.00	-	-	0.00	50.00	1.942	50.00	-	-	0.00	50.00	0.947	50.00	-	-	0.00	50.00	0.811	50.00	-	-	0.00	50.00	0.679	50.00	-	-	0.0	0.0	\$0.00	1,381	-	0.0
6	6	0.00	50.00	2.501	50.00	-	-	0.00	50.00	1.089	50.00	-	-	0.00	50.00	1.942	50.00	-	-	0.00	50.00	0.947	50.00	-	-	0.00	50.00	0.811	50.00	-	-	0.00	50.00	0.679	50.00	-	-	0.0	0.0	\$0.00	1,487	-	0.0
7	7	0.00	50.00	2.501	50.00	-	-	0.00	50.00	1.089	50.00	-	-	0.00	50.00	1.942	50.00	-	-	0.00	50.00	0.947	50.00	-	-	0.00	50.00	0.811	50.00	-	-	0.00	50.00	0.679	50.00	-	-	0.0	0.0	\$0.00	1,622	-	0.0
8	8	0.00	50.00	2.501	50.00	-	-	0.00	50.00	1.089	50.00	-	-	0.00	50.00	1.942	50.00	-	-	0.00	50.00	0.947	50.00	-	-	0.00	50.00	0.811	50.00	-	-	0.00	50.00	0.679	50.00	-	-	0.0	0.0	\$0.00	1,789	-	0.0
9	9	0.00	50.00	2.501	50.00	-	-	0.00	50.00	1.089	50.00	-	-	0.00	50.00	1.942	50.00	-	-	0.00	50.00	0.947	50.00	-	-	0.00	50.00	0.811	50.00	-	-	0.00	50.00	0.679	50.00	-	-	0.0	0.0	\$0.00	1,906	-	0.0
10	10	0.00	50.00	2.501	50.00	-	-	0.00	50.00	1.089	50.00	-	-	0.00	50.00	1.942	50.00	-	-	0.00	50.00	0.947	50.00	-	-	0.00	50.00	0.811	50.00	-	-	0.00	50.00	0.679	50.00	-	-	0.0	0.0	\$0.00	2,067	-	0.0
11	11	0.00	50.00	2.501	50.00	-	-	0.00	50.00	1.089	50.00	-	-	0.00	50.00	1.942	50.00	-	-	0.00	50.00	0.947	50.00	-	-	0.00	50.00	0.811	50.00	-	-	0.00	50.00	0.679	50.00	-	-	0.0	0.0	\$0.00	2,240	-	0.0
12	12	0.00	50.00	2.501	50.00	-	-	0.00	50.00	1.089	50.00	-	-	0.00	50.00	1.942	50.00	-	-	0.00	50.00	0.947	50.00	-	-	0.00	50.00	0.811	50.00	-	-	0.00	50.00	0.679	50.00	-	-	0.0	0.0	\$0.00	2,428	-	0.0
13	13	0.00	50.00	2.501	50.00	-	-	0.00	50.00	1.089	50.00	-	-	0.00	50.00	1.942	50.00	-	-	0.00	50.00	0.947	50.00	-	-	0.00	50.00	0.811	50.00	-	-	0.00	50.00	0.679	50.00	-	-	0.0	0.0	\$0.00	2,632	-	0.0
14	14	0.00	50.00	2.501	50.00	-	-	0.00	50.00	1.089	50.00	-	-	0.00	50.00	1.942	50.00	-	-	0.00	50.00	0.947	50.00	-	-	0.00	50.00	0.811	50.00	-	-	0.00	50.00	0.679	50.00	-	-	0.0	0.0	\$0.00	2,854	-	0.0
15	15	0.00	50.00	2.501	50.00	-	-	0.00	50.00	1.089	50.00	-	-	0.00	50.00	1.942	50.00	-	-	0.00	50.00	0.947	50.00	-	-	0.00	50.00	0.811	50.00	-	-	0.00	50.00	0.679	50.00	-	-	0.0	0.0	\$0.00	3,093	-	0.0
16	16	0.00	50.00	2.501	50.00	-	-	0.00	50.00	1.089	50.00	-	-	0.00	50.00	1.942	50.00	-	-	0.00	50.00	0.947	50.00	-	-	0.00	50.00	0.811	50.00	-	-	0.00	50.00	0.679	50.00	-	-	0.0	0.0	\$0.00	3,353	-	0.0
17	17	0.00	50.00	2.501	50.00	-	-	0.00	50.00	1.089	50.00	-	-	0.00	50.00	1.942	50.00	-	-	0.00	50.00	0.947	50.00	-	-	0.00	50.00	0.811	50.00	-	-	0.00	50.00	0.679	50.00	-	-	0.0	0.0	\$0.00	3,635	-	0.0
18	18	0.00	50.00	2.501	50.00	-	-	0.00	50.00	1.089	50.00	-	-	0.00	50.00	1.942	50.00	-	-	0.00	50.00	0.947	50.00	-	-	0.00	50.00	0.811	50.00	-	-	0.00	50.00	0.679	50.00	-	-	0.0	0.0	\$0.00	3,940	-	0.0
19	19	0.00	50.00	2.501	50.00	-	-	0.00	50.00	1.089	50.00	-	-	0.00	50.00	1.942	50.00	-	-	0.00	50.00	0.947	50.00	-	-	0.00	50.00	0.811	50.00	-	-	0.00	50.00	0.679	50.00	-	-	0.0	0.0	\$0.00	4,271	-	0.0
20	20	0.00	50.00	2.501	50.00	-	-	0.00	50.00	1.089	50.00	-	-	0.00	50.00	1.942	50.00	-	-	0.00	50.00	0.947	50.00	-	-	0.00	50.00	0.811	50.00	-	-	0.00	50.00	0.679	50.00	-	-	0.0	0.0	\$0.00	4,680	-	0.0

MTR TOD ENERGY ONLY		Summer On-Peak Expected			Winter On-Peak Expected			Summer Semi-Peak Expected			Winter Semi-Peak Expected			Summer Off-Peak Expected			Winter Off-Peak Expected			Total MPR Cost \$/MWh	Annual TOD \$/MWh	Discount Factor	Discounted GWh	Discounted Cost													
CONTRACT	VR	MWh	MPR \$/MWh	Multiplier	TOD Price	Period Cost	MWh	MPR \$/MWh	Multiplier	TOD Price	Period Cost	MWh	MPR \$/MWh	Multiplier	TOD Price	Period Cost	MWh	MPR \$/MWh	Multiplier						TOD Price	Period Cost	MWh	MPR \$/MWh	Multiplier	TOD Price	Period Cost						
1	1	0.00	50.00	1.551	50.00	-	-	0.00	50.00	1.192	50.00	-	-	0.00	50.00	1.078	50.00	-	-	0.00	50.00	0.9	50.00	-	-	0.00	50.00	0.774	50.00	-	-	0.0	0.0	\$0.00	1,900	-	0.0
2	2	0.00	50.00	1.551	50.00	-	-	0.00	50.00	1.192	50.00	-	-	0.00	50.00	1.078	50.00	-	-	0.00	50.00	0.9	50.00	-	-	0.00	50.00	0.774	50.00	-	-	0.0	0.0	\$0.00	1,084	-	0.0
3	3	0.00	50.00	1.551	50.00	-	-	0.00	50.00	1.192	50.00	-	-	0.00	50.00	1.078	50.00	-	-	0.00	50.00	0.9	50.00	-	-	0.00	50.00	0.774	50.00	-	-	0.0	0.0	\$0.00	1,175	-	0.0
4	4	0.00	50.00	1.551	50.00	-	-	0.00	50.00	1.192	50.00	-	-	0.00	50.00	1.078	50.00	-	-	0.00	50.00	0.9	50.00	-	-	0.00	50.00	0.774	50.00	-	-	0.0	0.0	\$0.00	1,274	-	0.0
5	5	0.00	50.00	1.551	50.00	-	-	0.00	50.00	1.192	50.00	-	-	0.00	50.00	1.078	50.00	-	-	0.00	50.00	0.9	50.00	-	-	0.00	50.00	0.774	50.00	-	-	0.0	0.0	\$0.00	1,381	-	0.0
6	6	0.00	50.00	1.551	50.00	-	-	0.00	50.00	1.192	50.00	-	-	0.00	50.00	1.078	50.00	-	-	0.00	50.00	0.9	50.00	-	-	0.00	50.00	0.774	50.00	-	-	0.0	0.0	\$0.00	1,487	-	0.0
7	7	0.00	50.00	1.551	50.00	-	-	0.00	50.00	1.192	50.00	-	-	0.00	50.00	1.078	50.00	-	-	0.00	50.00	0.9	50.00	-	-	0.00	50.00	0.774	50.00	-	-	0.0	0.0	\$0.00	1,622	-	0.0
8	8	0.00	50.00	1.551	50.00	-	-	0.00	50.00	1.192	50.00	-	-	0.00																							