PUBLIC UTILITIES COMMISSION 505 VAN NESS AVENUE SAN FRANCISCO, CA 94102-3298



February 22, 2016

Advice Letter 4719-E and 4719-E-A

Erik Jacobson Director, Regulatory Relations Pacific Gas and Electric Company 77 Beale Street, Mail Code B10C P.O. Box 770000 San Francisco, CA 94177

Subject: Demand Response Auction Mechanism Pilot for 2107 and Supplemental Filing

Dear Mr. Jacobson:

Advice Letter 4719-E and 4719-E-A are effective as of February 19, 2016 per Resolution E-4754.

Sincerely,

Edward Ramloph

Edward Randolph Director, Energy Division



Erik Jacobson Director Regulatory Relations Pacific Gas and Electric Company 77 Beale St., Mail Code B10C P.O. Box 770000 San Francisco, CA 94177

Fax: 415-973-7226

February 8, 2016

Advice 4719-E-A

(Pacific Gas and Electric Company ID U 39 E)

Public Utilities Commission of the State of California

Subject: Supplemental: Modifications to 2017 Demand Response Auction Mechanism Purchase Agreement and Related Documents in Compliance with Resolution E-4754

<u>Purpose</u>

Pacific Gas and Electric Company (PG&E) submits this Supplemental Advice Letter to implement the 2017 Demand Response Auction Mechanism (DRAM) pursuant to California Public Utilities Commission (Commission or CPUC) Resolution E-4754 (the Resolution) Ordering Paragraph 14.

The Resolution requires PG&E to provide the following documents and information in the Supplemental Advice Letter within 10 days of the January 28, 2016 Commission vote on the Resolution's approval:

- Modifications to the pro-forma DRAM Purchase Agreement;
- PG&E's budget allocations for its estimated administrative costs, scheduling coordinator costs and capacity costs for the 2017 DRAM;
- Carry forward AMP contract set-aside proposal for 2017.

In addition, PG&E requests that the Commission authorize a few minor quantitative and qualitative changes to the way in which PG&E evaluates its DRAM bids. The proposed change in the quantitative evaluation methodology will better align PG&E's methodology with that used by SCE and SDG&E.

PG&E also proposes some language "clean-up" throughout the DRAM Agreement, such as formatting, cross-reference, and capitalization corrections.

Finally, PG&E is including an updated, non-binding 2017 DRAM schedule in this Supplemental Advice Letter.

As the CPUC is aware, CPUC approval of the 2017 DRAM contracts may not occur until July. PG&E will not use load impact protocols to determine the qualifying capacity

values for the DRAM contracts. Thus, in order to get appropriate capacity credit for these DRAM contracts that can be included in the 2017 resource adequacy filing in October, PG&E respectfully requests a quick approval of the full value of capacity for these contracts, so that they can be included in the Energy Division's DR resource adequacy allocations at the end of July.

Background

The Commission issued Order Instituting Rulemaking 13-09-011 (Rulemaking) on September 25, 2013. Phase 1 of the Rulemaking focused on bridge funding and potential demand response (DR) program changes during the bridge period. Phase 2 focused on the bifurcation of DR programs. In Decision (D.) 14-03-026, which approved DR bifurcation, the Commission introduced the concept of a Demand Response Auction Mechanism (DRAM). The April 2, 2014 Joint Assigned Commissioner and Administrative Law Judge Ruling and Revised Scoping Memo, included a DRAM Proposal in Appendix B. After submitting testimony, reply testimony, and briefs, most parties participated in settlement negotiations which culminated in the submission of a proposed settlement on August 4, 2014. In the proposed settlement, parties agreed to a working group process to further develop the parameters of a DRAM.

In December 2014, the Commission issued D.14-12-024 which approved the proposed settlement with revisions. The settling parties then resubmitted the settlement as revised by the decision and requested that the Commission approve it as a joint agreement. The Commission approved the joint agreement in D.15-02-007, issued February 13, 2015. In Ordering Paragraphs (OP) 5 and 6 of D.14-12-024, Southern California Edison Company (SCE), San Diego Gas & Electric Company (SDG&E), and PG&E (together, the IOUs) were directed to file an advice letter, by April 1, 2015, to create Phase 1 of the DRAM pilot (2016 DRAM), with the proposed protocol, standard contract, standard evaluation protocol, set-aside mechanism, and non-binding cost estimates. The Commission also authorized the IOUs to participate collaboratively with interested stakeholders in the DRAM working group, whose activities were conducted at the express direction and under continuing supervision of the Commission. The DRAM working group, authorized by OP 6 of D.14-12-024, includes the IOUs, Energy Division staff, ratepayer advocates (Office of Ratepayer Advocates and The Utility Reform Network), demand response providers and aggregators, and other interested stakeholders.

On April 20, 2015, the IOUs filed a Joint Tier 3 Advice Letter¹ which reflected several months of active collaboration between the parties on how to best implement the 2016 DRAM. In addition to the design and Standard Contract for the 2016 DRAM, the IOUs proposed to continue the DRAM working group and to file an additional Advice Letter in September 2015 that would outline contract updates and other changes necessary for Phase 2 of the DRAM pilot (2017 DRAM). The Commission issued Resolution E-4728

¹ PG&E Advice Letter 4618-E

approving the IOUs' Advice Letters on July 27, 2015 specifically providing guidance in Ordering Paragraph 12 that:

"The IOUs shall focus the advice letter for the second year of DRAM only on

1) any modifications associated with the provision of local and flexible capacity, 2) alignment of schedules between the DRAM and the yearahead RA process; 3) any changes to law or regulation that would impact the second year of DRAM; and, 4) consideration of including RDRR in addition to PDR."

On October 9, 2015, in compliance with OP 12 of Resolution E-4728, the IOUs filed a Joint Tier 3 Advice Letter² for the 2017 DRAM pilot implementation which modified the 2016 DRAM pilot as required.

On January 28, 2016, the Commission issued Resolution E-4754 which approved, with modification, the 2017 DRAM implementation as proposed in the IOU's October 9, 2015 Advice Letter. Ordering Paragraph 14 states that:

"The IOUs shall make all revisions to the pro forma contract and auction design prescribed by this Resolution, and budget allocation estimates, in a Supplemental Advice Letter to AL 3292 et al, filed no later than 10 days from the Commission vote on this Resolution...."

This Supplemental Advice Letter is intended to comply with this Commission order.

Compliance with Ordering Paragraph 14 of Resolution E-4754

1. 2017 DRAM Agreement Modifications

PG&E has revised the 2017 DRAM Agreement as required by Resolution. The redlined version (Attachment A) and clean version (Attachment B) contains these changes.

The DRAM Agreement modifications are summarized below.

i. The following language has been added at the end of Section 7.2(b)(v) of the pro forma Agreement:

If the Commission approves a policy and/or requirement dictating an approach for regulating the usage of generation or storage during DR **demand response** events on or before the date on which this contract **Agreement** is signed by the **Pp**arties, then that policy and/or requirement shall apply, and this contract**Agreement** shall be modified as directed by the <u>Commission or its staff</u>.

² PG&E Advice Letter 4719-E

Note: PG&E revised "contract" to "Agreement" and "parties" to "Parties" to match defined terms in PG&E's DRAM Agreement. Also, "DR" is not used in PG&E's DRAM Agreement, so it is replaced by "demand response." Changes in bold.

ii. The following language has been added at the end of Section 3.3(c) of the pro forma contract:

This section is applicable only for DRAM **rResources** for which historical data are available. If historical data are not available, Seller is not required to perform a load impact analysis.

Note: "DRAM Resource" is a defined term so "resource" has been capitalized.

iii. The following language has been eliminated from the end of Section 3.4(a) of the pro forma Agreement:

In the event that these requirements conflict or the CAISO or CPUC do not provide a corresponding requirement to the other Governmental Bodies, Seller shall comply with the most stringent requirement of the Governmental Bodies.

iv. The language in the Section 3.5 of DRAM 2017 Agreement has been replaced with the language in Section 3.5 of the pro forma 2016 DRAM Agreement.

Seller agrees to indemnify, defend and hold harmless Buyer from any costs, penalties, fines or charges assessed against Buyer by the CPUC or the CAISO, resulting from Seller's failure to do, or cause to be done, any of the following:

(a) Provide any portion of the Monthly Quantity for any portion of the Delivery Period, except to the extent (i) such failure is solely the result of a failure by Buyer to perform any of its obligations pursuant to Section 6.2, or (ii) Seller reduces a Monthly Quantity in compliance with Section 1.5(b);

(b) Submit timely and accurate Supply Plans that identify Buyer's right to the Monthly Quantity for each Showing Month;

(c) Comply with the requirements in Section 3.2 to enable Buyer to meet its RAR; or

(d) Meet CPUC Resource Adequacy requirements per CPUC Filing 2016 Final RA Guide.

With respect to the foregoing, the Parties shall use commercially reasonable efforts to minimize any such costs, penalties, fines and charges; provided, in no event will Buyer be required to use or change its utilization of its owned or controlled assets or market positions to minimize these penalties and fines. If Seller fails to pay the foregoing penalties, fines, charges, or costs, or fails to reimburse Buyer for those penalties, fines, charges, or costs, then Buyer may offset those penalties, fines, charges or costs against any amounts it may owe to Seller under this Agreement.

Notwithstanding Seller's obligations in Section 3.5(a), Seller is not required to indemnify or reimburse Buyer for any costs allocated to Buyer by the CAISO for any capacity procured by CAISO pursuant to the Capacity Procurement Mechanism with respect to any Shortfall Capacity.

Note: "CPUC 2016 Final RA Guide" was replaced with "CPUC Filing Guide" to match the defined term in this pro forma Agreement, and the "CPUC Filing Guide" definition was updated to refer to the 2016 instead of the 2015 annual document.

v. The following language has been eliminated from Section 1.5(c) of the pro forma Agreement and will be replaced with:

(c) In the event that the CPUC does not grant to Buyer the amount of funding for the DRAM II Pilot Program as requested by Buyer in its 2017 demand response bridge funding proposal as part of DR OIR R.13-09-011, on or before the date that is forty-five (45) days prior to the first Showing Month for a type of Product, then Buyer may terminate this Agreement upon Notice to Seller. In the event that the CPUC does not approve Buyer's request for funding to support real time and ancillary services capability and the Buyer has not yet enabled real time or ancillary services functionality, by the time that the DRAM Resource is offered into the CAISO **Mm**arkets, on or after January 1, 2017 per the terms of this **Agreement**, Buyer shall provide notice to Seller and Seller shall be exempt from both any obligation to provide f**Flexible cCapacity** and any associated penalties. Once Buyer has enabled real time or ancillary services functionality and sellers are able to provide f**Flexible cCapacity** to the CAISO **Mm**arkets, this section shall have no further effect.

Note: "Flexible Capacity," "CAISO Markets," and "Agreement" are defined terms so they have been capitalized.

PG&E has used the replacement language provided in Resolution E-4754 for the 2017 DRAM contract, Article 1, Section 1.5 (c). As a contract provision, the specific language, however, contains ambiguities which would need to be corrected in the future, such as whether the plural Sellers ability to provide Flexible Capacity is 1) appropriate in a contract involving 1 Seller, and 2) refers to anything beyond the Buyer enabling real time or ancillary functionality. vi. The following substitutions have been made to Section 1.5(d) of the pro forma Agreement:

Seller's exercise of its rights under Section 1.5(b) with respect to a particular Product Monthly Quantity for a particular type of Product or Buyer's Seller's exercise of its rights under Section 1.5(c) will not be deemed to be a failure of Seller's obligation to sell or deliver the Product or a failure of Buyer's obligation to purchase or receive the Product, and will not be or cause an Event of Default by either Party. Neither Party shall have any further obligation or liability to the other and no Settlement Amount with respect to this Agreement will be due or owing by either Party upon termination of this Agreement due solely to Seller's exercise of its right pursuant to Sections 1.5(b) (y) or *Buyer's Seller's* exercise of its rights pursuant to Section 1.5(c), except in the case of Seller's exercise of its rights pursuant to Section 1.5(b) (y) only in which case Buyer shall be liable to Seller for expenses, actually incurred by Seller as of the date of such termination, for SC services with respect to the DRAM Resource and this Agreement, in an amount not to exceed the sum of the monthly SC service payments during the months of the Delivery Term.

These changes have been incorporated into the 2017 DRAM Agreement as shown in Attachment A.

2. Budget Allocation Estimates

PG&E's estimated 2017 DRAM implementation allocations are provided below:

Budget Item	Expenses
Program Administration Costs	\$500,000
Scheduling Coordinator Cost	\$200,000
Capacity Costs	\$2,000,000
Rule 24 Enhancement Costs	\$2,600,000
Total	\$5,300,000

The estimates for Program Administration Costs, Scheduling Coordinator Costs and Capacity Costs are based on experience from the 2016 DRAM. The actual costs may be different.

In this matrix, PG&E also included the funding that it has requested to use from the 2017 DRAM pilot in order to enhance its implementation of the Rule 24 processes. The request was made in a Petition for Modification filed January 28, 2016 in A.14-06-001, et. seq, *Petition For Modification Of Pacific Gas And Electric Company (U 39 E) Of Decision 14-12-024, Ordering Paragraph 5 To Authorize Fund Shifting To Support Increasing The Number Of PG&E Rule 24 Registrations And CISR-DRPs In 2016 And Modifications To Business Process And Systems In 2016 To Meet Data And*

Functionality Requirements Of The 2016 California Independent System Operator Demand Response Resource System Enhancements (PFM). The need for the work described in the PFM to proceed as soon as possible was discussed at the prehearing conference held on February 6, 2016 in R.13-09-01 (PHC), in order for the 2016 DRAM pilot implementation and the 2017 DRAM pilot auction to be successful. An alternative method to provide funding to support the work was mentioned at the end of the PHC, i.e. authorization to record costs in a memorandum account for future recovery. Separately, PG&E also notes that funding could come from additional authorization (separate from the DRAM authorization) to shift funds from the 2015-2016 bridge, but this would require waiver of fund shifting rules.

3. Modifications of Other PG&E Tariffs and Programs

PG&E acknowledges OP 7 of Resolution E-3754 and will continue to include that AMP program set-aside for the 2017 DRAM. The "Set-Aside" document which explains Demand Response Provider options for transitioning their customers from AMP and other DR programs to the 2017 DRAM remains unchanged, and is on PG&E's DRAM website, <u>www.pge.com/dram</u>. However, PG&E's proposal for the 2017 Transition Year, submitted February 1, 2016 in R.13-09-011, would not continue AMP in 2017.

Other 2017 DRAM Modifications Requested by PG&E

PG&E requests the following additional changes be made in the implementation of the 2017 DRAM pilot.

1. Quantitative Scoring

For its 2017 DRAM, PG&E will follow a traditional quantitative assessment similar to that used in its other RFOs. This is different from the 2016 DRAM in which only costs were considered. For its 2017 DRAM, PG&E will include a market value of the resource adequacy capacity associated with each Offer in its evaluation.

PG&E will perform a quantitative assessment of the weighted unit net market value of each conforming Offer. An Offer's benefits are based on the forecast market value of each type of Product in the Offer, e.g., System Capacity or Local Capacity and/or Flexible Capacity. However, PG&E does not require additional Local Capacity or Flexible Capacity for 2017. Therefore, for the 2017 DRAM, there will be no additional value assigned for Local Capacity or Flexible Capacity.

An Offer's cost is determined by multiplying (a) the Offer's volume per Product per month by (b) the Offer's price per Product per month, adding all of these monthly values together, and adding the SC cost.

An Offer's net market value is the Offer's benefits minus costs.

Subsequently, Offers will be ranked by weighted unit net market value from highest to lowest. A weighted unit net market value is calculated using the net market value for the numerator, and volumes weighted by each month's relative capacity value ("weighted volume") for the denominator. The purpose of weighted volume is to capture the capacity value for the months when PG&E has the greatest need. PG&E will use its own proprietary capacity weights to calculate the weighted volume. The weighted unit net market value for an offer will be in \$/kW.

2. Qualitative Scoring

In Advice Letter 4618-E et al., the IOUs proposed to utilize a standard set of qualitative evaluation criteria to assist in the bid selection process. Pursuant to Resolution E-4728, OP 22, part B, the IOUs submitted a qualitative scoring matrix for the 2016 DRAM, via Advice Letter 4618-E-A et al. Pursuant to Advice Letter 4719-E et al., the IOUs will update and publish the qualitative criteria weights in this matrix prior to the 2017 DRAM launch.

PG&E made one update to the weighting of the qualitative criteria in the matrix – the Diverse Business Suppliers weight went from 0 to 1 percent (%). The qualitative scoring matrix is provided in Attachment C.

3. Miscellaneous Changes

Throughout the DRAM Agreement, PG&E made various changes which make this Agreement specific to PG&E. For instance, PG&E is mentioned by name as the IOU and Rule 24 (not Rule 32) is designated as the Rule which sets forth the conditions of Direct Access.

In addition, PG&E changed the formatting in one section for document consistency, fixed some typographical errors throughout the document, and made some nonsubstantial revisions to the PG&E form Letter of Credit found in Exhibit B of the DRAM Agreement.

Finally, Exhibit C-2 of the DRAM Agreement, as filed in Advice Letter 4719-E et al., inadvertently excluded the right-most columns. In addition, some of the language included was accurate for System and Local Capacity products, but not accurate for a Flexible Capacity product (e.g. requirement to bid into Day-Ahead market only). The IOUs updated Exhibit C-2 to rectify these issues.

These changes have been incorporated and noted in the redline version of the DRAM Agreement (Attachment A) and clean version of the DRAM Agreement (Attachment B) to this Advice Letter.

Non-Binding 2017 DRAM Schedule

Based on the current DRAM process status, the IOUs have discussed and updated the estimated non-binding schedule for the 2017 DRAM Pilot. The schedule is delayed approximately two weeks from that which PG&E included in the August 24, 2015 Advice Letter 4618-E-A, to allow time to file this Supplemental Advice Letter and receive a Disposition Letter approving it prior to the RFO launch.

# of Days	Date	Day	DRAM RFO Step	
Т	28-Jan	Thu	CPUC Decision on 2017 DRAM Advice Letter	
T + 10	8-Feb	Mon	IOUs file Supplemental Advice Letter	
T + 20	18-Feb	Thu	Protests due	
T + 35	3-Mar	Thu	Launch 2017 DRAM	
T + 67	4-Apr	Mon	Deadline for 2017 DRAM bid submissions	
T + 99	6-May	Fri	IOUs notify Bidders of selection	
T + 134	10-Jun	Fri	IOUs file Tier 1 Advice Letters seeking CPUC	
T + 194	9-Aug	Wed	CPUC contract approval	

The filing would not increase any current rate or charge, cause the withdrawal of service, or conflict with any rate schedule or rule.

<u>Attachment</u>

Attachment A: Redlined version of the 2017 DRAM Agreement Attachment B: Clean version of the 2017 DRAM Agreement Attachment C: Qualitative Scoring Matrix

Protests

Anyone wishing to protest this filing may do so by letter sent via U.S. mail, facsimile or E-mail, no later than February 18, 2016, which is 10 days after the date of this filing. Protests must be submitted to:

CPUC Energy Division ED Tariff Unit 505 Van Ness Avenue, 4th Floor San Francisco, California 94102

Facsimile: (415) 703-2200 E-mail: EDTariffUnit@cpuc.ca.gov

Copies of protests also should be mailed to the attention of the Director, Energy Division, Room 4004, at the address shown above.

The protest shall also be sent to PG&E either via E-mail or U.S. mail (and by facsimile, if possible) at the address shown below on the same date it is mailed or delivered to the Commission:

Erik Jacobson Director, Regulatory Relations c/o Megan Lawson Pacific Gas and Electric Company 77 Beale Street, Mail Code B10C P.O. Box 770000 San Francisco, California 94177

Facsimile: (415) 973-7226 E-mail: PGETariffs@pge.com

Any person (including individuals, groups, or organizations) may protest or respond to an advice letter (General Order 96-B, Section 7.4). The protest shall contain the following information: specification of the advice letter protested; grounds for the protest; supporting factual information or legal argument; name, telephone number, postal address, and (where appropriate) e-mail address of the protestant; and statement that the protest was sent to the utility no later than the day on which the protest was submitted to the reviewing Industry Division (General Order 96-B, Section 3.11).

Effective Date

PG&E requests that this Tier 1 advice filing become effective on the date of filing, which is February 8, 2016.

<u>Notice</u>

In accordance with General Order 96-B, Section IV, a copy of this advice letter is being sent electronically and via U.S. mail to parties shown on the attached list and the parties on the service list for R.13-09-011. Address changes to the General Order 96-B service list should be directed to PG&E at email address PGETariffs@pge.com. For changes to any other service list, please contact the Commission's Process Office at (415) 703-2021 or at Process_Office@cpuc.ca.gov. Send all electronic approvals to PGETariffs@pge.com. Advice letter filings can also be accessed electronically at: http://www.pge.com/tariffs/.

/S/

Erik Jacobson Director, Regulatory Relations

Attachments

cc: Rachel McMahon, Energy Division Michael Campbell, Office of Ratepayer Advocates Nora Sheriff, On Behalf of California Large Energy Consumers Association Sara Steck Myers, On Behalf of Joint DR Parties Alison Seel, Sierra Club Matt Vespa, Sierra Club Service List R.13-09-011

CALIFORNIA PUBLIC UTILITIES COMMISSION ADVICE LETTER FILING SUMMARY ENERGY UTILITY

MUST BE COMPLETED BY UTILITY (Attach additional pages as needed)			
Company name/CPUC Utility No. Pacific Gas and Electric Company (ID U39 E)			
Utility type:	Contact Person: Kingsley Cheng		
☑ ELC □ GAS	Phone #: (415) 973-5265		
\Box PLC \Box HEAT \Box WATER	E-mail: <u>k2c0@pge.com and PGETariffs@pge.com</u>		
EXPLANATION OF UTILITY TYPE (Date Filed/ Received Stamp by CPUC)			
LC = Electric $GAS = Gas$			
PLC = Pipeline HEAT = Heat	VATER = Water		
Advice Letter (AL) #: <u>4719-E-A</u>	Tier: <u>1</u>		
	ons to 2017 Demand Response Auction Mechanism Purchase Agreement and		
	npliance with Resolution E-4754		
Keywords (choose from CPUC listing): Control AL filing type: \Box Monthly \Box Quarterly \Box And			
Does AL replace a withdrawn or rejected AL?	der, indicate relevant Decision/Resolution #: <u>E-4754</u>		
Summarize differences between the AL and the			
	what information is the utility seeking confidential treatment for: No		
	to those who have executed a nondisclosure agreement: N/A a) who will provide the nondisclosure agreement and access to the confidential		
information:) who will provide the holidisclosure agreement and access to the confidential		
Resolution Required? □Yes ☑No			
Requested effective date: February 8, 2016No. of tariff sheets: N/A			
Estimated system annual revenue effect (%): <u>N/A</u>			
Estimated system average rate effect (%): <u>N/A</u>			
When rates are affected by AL, include attachm commercial, large C/I, agricultural, lighting).	ent in AL showing average rate effects on customer classes (residential, small		
Tariff schedules affected: <u>N/A</u>			
Service affected and changes proposed: <u>N/A</u>			
Pending advice letters that revise the same tariff sheets: N/A			
Protests, dispositions, and all other correspondence regarding this AL are due no later than 10 days after the date of this filing, unless otherwise authorized by the Commission, and shall be sent to:			
California Public Utilities Commission Pacific Gas and Electric Company			
Energy Division Attn: Erik Jacobson			
EDTariffUnit	Director, Regulatory Relations c/o Megan Lawson		
505 Van Ness Ave., 4 th Flr.	77 Beale Street, Mail Code B10C		
San Francisco, CA 94102 P.O. Box 770000			
E-mail: EDTariffUnit@cpuc.ca.gov San Francisco, CA 94177 E-mail: PGETariffs@pge.com			

Advice 4719-E-A February 8, 2016

Attachment A

Redlined version of the 2017 DRAM Agreement

2017 DRAM RFO PRO FORMA

DEMAND RESPONSE AUCTION MECHANISM RESOURCE PURCHASE AGREEMENT

between

[NAME OF SELLER]

and

[IOU BUYER]

PACIFIC GAS AND ELECTRIC COMPANY

{00153640.DOCX;10}

DEMAND RESPONSE AUCTION MECHANISM RESOURCE PURCHASE AGREEMENT BETWEEN [SELLER] AND [HOU-BUYER] PACIFIC GAS AND ELECTRIC COMPANY

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DEMAND RESPONSE RESOURCE PURCHASE AGREEMENT BETWEEN [SELLER] AND [HOU BUYER]PACIFIC GAS AND ELECTRIC COMPANY

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DEMAND RESPONSE RESOURCE PURCHASE AGREEMENT BY AND BETWEEN [NAME OF SELLER] and [HOU BUYER] PACIFIC GAS AND ELECTRIC COMPANY

PREAMBLE

This Demand Response Resource Purchase Agreement, together with its exhibits (the "Agreement") is entered into by and between *HOU Buyer* Pacific Gas and Electric Company, a California corporation ("Buyer" or "PG&E"), and *[Aggregator or Demand Response Provider]*, a *[Seller's business registration]* ("Seller"), as of *[Date]* ("Execution Date"). Buyer and Seller are referred to herein individually as a "Party" and collectively as "Parties." Unless the context otherwise specifies or requires, capitalized terms in this Agreement have the meanings set forth in Exhibit A.

AGREEMENT

In consideration of the agreements contained herein, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties agree as follows.

ARTICLE 1. TRANSACTION

1.1. Purchase and Sale of the Product

(a) During the Delivery Period, Seller shall sell and deliver, and Buyer shall purchase and receive, the Product(s) as indicated in Table 1.1(b) in the respective amount of the Product Monthly Quantity, as indicated in Exhibit E, subject to and in accordance with the terms and conditions of this Agreement. More than one type of Product from Table 1.1(b) may be indicated. Each type of Product indicated in Table 1.1(b) shall be referred to individually or collectively as "Product" for purposes of this Agreement, as applicable.

	Type of Product	Local Capacity Area (as applicable)
8-	Product A: System Capacity	Not applicable
8-	Product B1: Local Capacity with System Capacity	[LA Basin LCA Substations][For SCE Agreements]

(b) The Product is:

	Type of Product	Local Capacity Area (as applicable)
8-	Product B2: Local Capacity with System Capacity	[Big Creek/Ventura LCA Substations][For SCE Agreements]
₽	Product C1: Flexible Capacity (Flexible Category 2) with System Capacity	Not applicable
₽	Product C2: Flexible Capacity (Flexible Category 3) with System Capacity	Not applicable
8-	Product D1: Flexible Capacity (Flexible Category 2) with Local and System Capacity	[LA Basin LCA Substations][For SCE Agreements]
8-	Product D2: Flexible Capacity (Flexible Category 2) with Local and System Capacity	[Big Creek/Ventura LCA Substations] [For SCE Agreements]
8-	Product D3: Flexible Capacity (Flexible Category 3) with Local and System Capacity	[LA Basin LCA Substations][For SCE Agreements]
8-	Product D4: Flexible Capacity (Flexible Category 3) with Local and System Capacity	[Big Creek/Ventura LCA Substations] [For SCE Agreements]

-{IOU Comment: IOUs to each individually update Table 1.1(b) based on the number and names of their respective LCAs. SCE's LCAs are indicated above for illustrative purposes}

<u>TABLE 1.1(b)</u>			
	<u>Product</u>	LCA	
	Product A: System Capacity	Not applicable	
	Product B1: Local Capacity with System Capacity	<u>Greater Bay</u>	
	Product B2: Local Capacity with System Capacity	<u>Humboldt</u>	
	Product B3: Local Capacity with System Capacity	North Coast/North Bay	
	Product B4: Local Capacity with System Capacity	<u>Sierra</u>	

<u>TABLE 1.1(b)</u>			
	Product	LCA	
	Product B5: Local Capacity with System Capacity	<u>Stockton</u>	
	Product B6: Local Capacity with System Capacity	<u>Fresno</u>	
	Product B7: Local Capacity with System Capacity	<u>Kern</u>	
	Product C2-0: Flexible Capacity (Flexible Category 2) with System Capacity	Not applicable	
	Product C3-0: Flexible Capacity (Flexible Category 3) with System Capacity	Not applicable	
	Product D2-1: Flexible Capacity (Flexible Category 2) with Local and System Capacity	<u>Greater Bay</u>	
	Product D2-2: Flexible Capacity (Flexible Category 2) with Local and System Capacity	Humboldt	
	Product D2-3: Flexible Capacity (Flexible Category 2) with Local and System Capacity	North Coast/North Bay	
	Product D2-4: Flexible Capacity (Flexible Category 2) with Local and System Capacity	<u>Sierra</u>	
	Product D2-5: Flexible Capacity (Flexible Category 2) with Local and System Capacity	Stockton	
	Product D2-6: Flexible Capacity (Flexible Category 2) with Local and System Capacity	Fresno	
	Product D2-7: Flexible Capacity (Flexible Category 2) with Local and System Capacity	Kern	
	Product D3-1: Flexible Capacity (Flexible Category 3) with Local and System Capacity	<u>Greater Bay</u>	
	Product D3-2: Flexible Capacity (Flexible Category 3) with Local and System Capacity	Humboldt	
	Product D3-3: Flexible Capacity (Flexible Category 3) with Local and System Capacity	North Coast/North Bay	
	Product D3-4: Flexible Capacity (Flexible Category 3) with Local and System Capacity	<u>Sierra</u>	
	Product D3-5: Flexible Capacity (Flexible Category 3) with Local and System Capacity	Stockton	
	Product D3-6: Flexible Capacity (Flexible Category 3) with Local and System Capacity	Fresno	
	Product D3-7: Flexible Capacity (Flexible Category 3) with Local and System Capacity	Kern	

ATTACHMENT B

(c) Seller to indicate whether the Product is:

_____a Residential Customer Product; or

_____ not a Residential Customer Product

{IOU Comment: Seller to choose only one option which applies to all Product for this Agreement}

(d) If Seller has chosen to deliver Product that is not Residential Customer Product, its DRAM Resources may nevertheless include Residential Customers and Small Commercial Customers.

1.2. Term

The "Term" of this Agreement shall commence upon the Execution Date and shall continue until the expiration of the Delivery Period unless terminated earlier in accordance with the terms and conditions of this Agreement.

1.3. Delivery Period

The "Delivery Period" shall commence on the later of (a) the first day of the first month that begins after sixty (60) days following CPUC Approval, and (b) [Date], and shall continue in full force and effect until [Date] {IOU Comment: The Date should be the last calendar day of the last Showing Month}, unless terminated earlier in accordance with the terms and conditions of this Agreement. Notwithstanding anything to the contrary contained in this Agreement, the Delivery Period will not commence until CPUC Approval is obtained or waived by Buyer in its sole discretion.

{IOU Comment: Dates will be based on Seller's bid that was selected by the IOU in the RFO. Currently that would be no earlier than January, 2017 and no later than December, 2017.]

1.4. Seller's Designation of the DRAM Resource

- (a) On or before the later of (1) the first day of the first month that begins after the date that is sixty (60) days following CPUC Approval, and (2) the date that is sixty (60) days prior to the first Showing Month, and on a monthly basis thereafter no less than sixty (60) days prior to the applicable Showing Month if any of the information below changes, Seller shall:
 - (i) Provide to Buyer the Resource ID(s) for each PDR or RDRR providing each type of Product pursuant to this Agreement.
 - (ii) Confirm in writing to Buyer that each PDR or RDRR identified by Seller pursuant to Section 1.4(a)(i) for each type of Product is comprised solely of Bundled Service Customers or Unbundled Service Customers.

- (iii) If any of the PDRs or RDRRs providing a type of Product pursuant to this Agreement is a Joint Resource, Seller shall confirm in writing to Buyer (x) the amount of the capacity of such Joint Resource that will be used to show Demonstrated Capacity for the applicable type of Product under this Agreement and (y) the total capacity of such Joint Resource for the applicable type of Product.
- (b) Sellers may sell and deliver System Capacity and Local Capacity from PDRs or RDRRs and may sell and deliver Flexible Capacity only from PDRs.
- (c) The Parties shall cooperate to implement the requirements of Rule $\frac{1}{2}24\frac{32}{32}$ to enroll Resource Customers in order for Seller to designate the PDR(s) and/or RDRR(s) pursuant Section 1.4(a)(i).

1.5. Product Monthly Quantity and Corresponding Contract Price

- (a) The Product Monthly Quantity and Contract Price for each type of Product indicated in Table 1.1(b) for each applicable Showing Month during the Delivery Period is set forth in Exhibit E.
- (b) In the event that Seller is not able to register the DRAM Resource for part or all of a Product Monthly Quantity for a Showing Month due solely to (i) the actions or inactions of Buyer or the CAISO, or (ii) insufficient Rule [24/32] registrations under Conclusion of Law 10 in D.15-03-042 being available to Seller, then Seller may, in its sole discretion, by providing Notice to Buyer on or before the date that is sixty (60) days prior to the Showing Month for which Seller is unable to register the DRAM Resource, (x) reduce a Product Monthly Quantity for a particular type of Product for such Showing Month, or (y) terminate this Agreement; *provided*, Seller shall demonstrate to Buyer's reasonable satisfaction that Seller made commercially reasonable efforts to register the DRAM Resource corresponding to such reduced Product Monthly Quantity for such particular type of Product in the applicable Showing Month.
- (c) In the event that the CPUC does not grant to Buyer the amount of funding for the DRAM II Pilot Program as requested by Buyer in its 2017 demand response bridge funding proposal as part of DR OIR R.13 09 011, on or before the date that is forty-five (45) days prior to the first Showing Month for a type of Product, then Buyer may terminate this Agreement upon Notice to Sellerapprove Buyer's request for funding to support real time and ancillary services capability and the Buyer has not yet enabled real time or ancillary services functionality, by the time that the DRAM Resource is offered into the CAISO Markets, on or after January 1, 2017 per the terms of this Agreement, Buyer shall provide Notice to Seller and Seller shall be exempt from both any obligation to provide Flexible Capacity and any associated penalties. Once Buyer has enabled real time or ancillary services functionality and Sellers are able to provide Flexible Capacity to the CAISO Markets, this section shall have no further effect.

ATTACHMENT B

(d) Seller's exercise of its rights under Section 1.5(b) with respect to a particular Product Monthly Quantity for a particular type of Product or BuyerSeller's exercise of its rights under Section 1.5(c) will not be deemed to be a failure of Seller's obligation to sell or deliver the Product or a failure of Buyer's obligation to purchase or receive the Product, and will not be or cause an Event of Default by either Party. Neither Party shall have any further obligation or liability to the other and no Settlement Amount with respect to this Agreement will be due or owing by either Party upon termination of this Agreement due solely to Seller's exercise of its right pursuant to Sections 1.5(b) (y) or BuyerSeller's exercise of its rights pursuant to Section 1.5(c), except in the case of Seller's exercise of its rights pursuant to Section 1.5(b) (y) only in which case Buyer shall be liable to Seller for expenses, actually incurred by Seller as of the date of such termination, for SC services with respect to the DRAM Resource and this Agreement, in an amount not to exceed the sum of the monthly SC service payments during the months of the Delivery Term.

1.6. Demonstrated Capacity

- (a) Each invoice submitted by Seller to Buyer pursuant to Section 4.2 shall include a statement, in a form substantially similar to Exhibit C, of the amount of the Product Monthly Quantity for each type of Product for such Showing Month that Seller was capable of delivering ("Demonstrated Capacity"), including, at Seller's election in its sole discretion, any one of the following:
 - (i) The results of a capacity test conducted by the Seller's SC during the applicable Showing Month. Such test shall consist of at least two (2) continuous hours of load reduction by the applicable PDR or RDRR in the DRAM Resource. The Demonstrated Capacity for System or Local Capacity with respect to such PDR or RDRR will equal the maximum hourly load reduction during such test as calculated using the Capacity Baseline and the Demonstrated Capacity for Flexible Capacity with respect to such PDR will equal the average hourly load reduction during such test as calculated using the Seller's SC during the Capacity Baseline;
 - (ii) The average amount of capacity for the applicable PDR or RDRR in the DRAM Resource that the Seller Bid into the applicable CAISO Markets solely during the hours of the Showing Month in compliance with the MOO; or
 - (iii) The results of a Dispatch of the applicable PDR or RDRR in the DRAM Resource during the Showing Month, provided that the PDR or RDRR provided load reduction during all of the hours referenced in the Dispatch Instruction corresponding to the applicable MOO hours. The Demonstrated Capacity for System and Local Capacity will equal the maximum hourly load reduction during any hour of such Dispatch as calculated using the Capacity Baseline and the Demonstrated Capacity for Flexible Capacity

will equal the average hourly load reduction calculated using the Capacity Baseline.

- (b) Solely for purposes of establishing the Demonstrated Capacity pursuant to Section 1.6(a), Seller shall use data available through Buyer's Customer Data Access Systems that has been designated by Buyer as final Revenue Quality Meter Data and such data shall be considered final by the Parties as of the date Seller submits its invoice for the applicable Showing Month to Buyer.
- (c) If the DRAM Resource is comprised of more than one PDR or RDRR, then Seller may establish the portion of the Demonstrated Capacity for a specific type of Product associated with each such PDR or RDRR by using any one of the methods described in Sections 1.6(a)(i)-(iii), in which case the Demonstrated Capacity for a specific type of Product will equal the sum of the individual PDR or RDRRs demonstrated capacities.
- (d) If any respective PDR or RDRR in the DRAM Resource is a Joint Resource, Seller's invoice shall indicate (x) the amount of the capacity of such Joint Resource used to show Demonstrated Capacity for a specific type of Product for such month and (y) the total capacity of such Joint Resource during such month.
- (e) If the type of Product Seller delivers under this Agreement is a Residential Customer Product, Seller's invoice shall indicate the number of Residential Customer SAID agreements and the number of Small Commercial SAID accounts in each PDR or RDRR for such type of Product.
- (f) In addition to the requirements in Section 1.6(a), if Seller is electing Demonstrated Capacity for Local Capacity, then, as part of Seller's Demonstrated Capacity for Local Capacity, Seller's invoice shall indicate the number of SAID agreements in the applicable LCA that are associated with the Local Capacity as indicated in Table 1.1(b) and Exhibit C.
- (g) Following Buyer's receipt of Seller's invoice and Notice of Demonstrated Capacity, Buyer may, upon Notice to Seller, require Seller to provide documentation from Seller or Seller's SC that establishes to Buyer's reasonable satisfaction the Demonstrated Capacity of each Product type from a PDR, RDRR or Joint Resource as stated by Seller in its invoice for the applicable Showing Month. In the event that Seller does not provide such documentation within ten (10) Business Days from Buyer's Notice or such documentation is not reasonably satisfactory to Buyer, then Buyer may require an audit of Seller or Seller's SC records upon Notice ("Audit Notice"). With respect to an Audit Notice, Seller shall cause its SC to allow Buyer or its designated independent third-party auditor to have access to the records and data necessary to conduct such audit within five (5) Business Days of Seller's receipt of an Audit Notice; provided, such audit will be limited solely to verification of the data upon which Seller based its claim of the amount of the Demonstrated Capacity. If the type of Product designated in Section 1.1(b) is a Residential Customer Product, then, in addition to the documentation

specified above, Buyer may, in its Audit Notice, require Seller or Seller's SC to provide additional documentation that establishes to Buyer's reasonable satisfaction that the type of Product is Residential Customer Product as stated by Seller in its invoice for the applicable Showing Month. Buyer's costs, including the costs for any third-party auditor, incurred in connection with the conducting such audit are the sole responsibility of Buyer.

ARTICLE 2. CPUC APPROVAL

2.1. Obtaining CPUC Approval

Within thirty (30) days after the Execution Date, Buyer shall file with the Commission the appropriate request for CPUC Approval. Seller shall use commercially reasonable efforts to support Buyer in preparing for and obtaining CPUC Approval. Buyer has no obligation to seek rehearing or to appeal a Commission decision which fails to approve this Agreement or which contains findings required for CPUC Approval with conditions or modifications unacceptable to either Party.

2.2. CPUC Approval Termination Right

- (a) Either Party has the right to terminate this Agreement upon Notice, which will be effective five (5) Business Days after such Notice is given, if (i) CPUC Approval has not been obtained or waived by Buyer in its sole discretion within sixty (60) days after Buyer files its request for CPUC Approval and (ii) such Notice of termination is given on or before the ninetieth (90th) day after Buyer files the request for CPUC Approval.
- (b) Failure to obtain CPUC Approval in accordance with this Article 2 will not be deemed to be a failure of Seller to sell or deliver the Product or a failure of Buyer to purchase or receive the Product, and will not be or cause an Event of Default by either Party. No Settlement Amount with respect to this Agreement will be due or owing by either Party, and neither Party shall have any obligation or liability to the other, upon termination of this Agreement due solely to failure to obtain CPUC Approval.

ARTICLE 3. SELLER OBLIGATIONS

3.1. Delivery of Product

 (a) No later than ten (10) Business Days before the applicable Buyer's Compliance Showing deadlines for each Showing Month, Seller shall submit, or shall cause Seller's SC(s) to submit, Notice to Buyer which includes Seller's proposed Supply Plan for such Showing Month in a form substantially similar to Exhibit D, or in a form as communicated in writing by Buyer to Seller no later than fifteen (15) Business Days prior to Buyer's Compliance Showing deadlines for a Showing Month. (b) Seller shall, on a timely basis, submit, or cause its SC to submit, a Supply Plan in accordance with the CAISO Tariff to identify and confirm the Product Monthly Quantity for each type of Product to be provided to Buyer from the DRAM Resource for each Showing Month.

3.2. Resource Adequacy Benefits

Seller grants, pledges, assigns, and otherwise commits to Buyer the Product Monthly Quantity and all Resource Adequacy Benefits of the Product as associated with the DRAM Resource to enable Buyer to meet its RAR, Local RAR and/or Flexible RAR, as applicable. The Parties shall take all commercially reasonable actions, and execute all documents or instruments necessary, to effect the use of the Product for Buyer's sole benefit.

3.3. Provision of Information

- (a) Within a reasonable period of time, or such time prescribed by the CPUC, Seller shall provide to the CPUC all information requested by the CPUC relating to Seller's obligations and performance pursuant to this Agreement and the DRAM II Pilot Program to which this Agreement relates. In responding to any information request from the CPUC, the Seller may designate information for confidential treatment consistent with CAISO and/or Commission rule, tariff or decision. Any such confidential information provided by Seller to the CPUC shall be held in confidence by the CPUC and excluded from public inspection or disclosure, unless inspection or disclosure is otherwise required by Applicable Laws.
- (b) If a PDR or RDRR in the DRAM Resource has not been tested or Dispatched between January 1, 2017 and the end of the Delivery Period, then Seller shall cause a test of such PDR(s) or RDRR(s) in accordance with D.14-06-050, Appendix B, by the end of the Delivery Period and provide the results of such test to Buyer for inclusion in Buyer's Compliance Showing to the CPUC.
- (c) Seller shall comply with the requirements for load impact analysis in D.14-06-050, Appendix B, and provide to the CPUC a load impact evaluation consistent with the Load Impact Protocols in D. 08-04-050 and data required by D.14-06-050. <u>This</u> <u>Section 3.3(c) is applicable only for DRAM Resources for which historical data are available</u>. If historical data are not available, Seller is not required to perform a <u>load impact analysis</u>.

3.4. Seller's Obligations

(a) Seller shall, and shall cause each of the PDRs or RDRRs in the DRAM Resource and corresponding DRPs and SCs to, comply with all applicable CAISO Tariff provisions, CPUC Decisions and all other Applicable Laws, including the Bidding of the DRAM Resource into the applicable CAISO Markets during the Availability Assessment Hours as required by the CAISO Tariff. In the event that these requirements conflict or the CAISO or CPUC do not provide a corresponding requirement to the other Governmental Bodies, Seller shall comply with the most stringent requirement of the Governmental Bodies. (b) Seller shall or shall cause Seller's DRP to execute Buyer's Demand Response Provider Service Agreement in accordance with Rule [24/32].24.

3.5. Indemnities for Failure to Perform,

(a) Seller agrees to indemnify, defend and hold harmless Buyer from any costs, penalties, fines or charges assessed against Buyer by the CPUC or the CAISO, resulting from Seller's failure to do, or cause to be done, any of the following:

- (a) Provide any portion of the Monthly Quantity for any portion of the Delivery Period, except to the extent (i) such failure is solely the result of a failure by Buyer to perform any of its obligations pursuant to Section 6.2, or (ii) Seller reduces a Monthly Quantity in compliance with Section 1.5(b);
- (b) (i)-Submit timely and accurate Supply Plans that identify Buyer's right to the Product-Monthly Quantity-for each type of Product for each Showing Month;-or
- (c) (ii) Comply with the requirements in Section 3.4(a) with respect to the CAISO.3.2 to enable Buyer to meet its RAR; or
- (d) (b) In addition to Section 3.5(a), Seller shall indemnify or reimburse Buyer for any costs allocated to Buyer by the CAISO for any capacity procured by CAISO pursuant to the Capacity Procurement Mechanism with respect to any Shortfall Capacity.Meet CPUC Resource Adequacy requirements per CPUC Filing Guide.

(c) With respect to the foregoing in Sections 3.5(a) and (b), the Parties shall use commercially reasonable efforts to minimize any such costs, penalties, fines and charges; *provided*, in no event will Buyer be required to use or change its utilization of its owned or controlled assets or market positions to minimize these penalties and fines. If Seller fails to pay the foregoing penalties, fines, charges, or costs, or fails to reimburse Buyer for those penalties, fines, charges, or costs, then Buyer may offset those penalties, fines, charges or costs against any amounts it may owe to Seller under this Agreement.

Notwithstanding Seller's obligations in Section 3.5(a), Seller is not required to indemnify or reimburse Buyer for any costs allocated to Buyer by the CAISO for any capacity procured by CAISO pursuant to the Capacity Procurement Mechanism with respect to any Shortfall Capacity.

ARTICLE 4. PAYMENT AND BILLING

4.1. Delivered Capacity Payment

Buyer shall make a monthly payment to Seller, after the applicable Showing Month, ("Delivered Capacity Payment") equal to the sum of (A x B x D) for each type of Product plus C.

Delivered Capacity Payment = $\sum [A \times B \times D] + C$

Where:

- A = The Contract Price of the applicable type of Product for the applicable Showing Month
- B = The lesser of (i) the Demonstrated Capacity for each type of Product for the applicable Showing Month, and (ii) the corresponding Product Monthly Quantity for the applicable Showing Month
- C = The monthly SC services payment in the amount of [Dollar Amount Text] dollars (\$[Number]), if B is greater than zero for the applicable Showing Month. {IOU Comment: SC services payment amount will be based on Seller's bid that was selected by the IOU in the RFO.}
- D = 1.0 if Seller has chosen (i) not to deliver Residential Customer Product in Section 1.1(c) or (ii) to deliver Residential Customer Product in Section 1.1(c) and the Product delivered meets the definition of Residential Customer Product, or 0.90 if the Product delivered does not meet the definition of Residential Customer Product.

4.2. Invoice and Payment Process

- (a) As soon as practicable after the end of each Showing Month, Seller will render to Buyer an invoice for the payment obligations, if any, incurred hereunder with respect to such Showing Month.
- (b) Buyer will pay Seller all undisputed invoice amounts on or before the later of (i) the twentieth (20th) day of each month, or (ii) the tenth (10th) day after receipt of Seller's invoice and Demonstrated Capacity or, if such day is not a Business Day, then on the next Business Day.
- (c) Each Party will make payments by electronic funds transfer, or by other mutually agreeable method(s), to the account designated by the other Party. Any amounts not paid by the due date will be deemed delinquent and will accrue interest at the Cash Interest Rate, such interest to be calculated from and including the due date to but excluding the date the delinquent amount is paid in full.
- (d) Buyer may offset against any future payments by any amount(s) that were previously overpaid.
- (e) Either Party may, in good faith, dispute the correctness of any invoice, bill, charge, 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, bill, charge, or adjustment to an invoice, was rendered. Disputes are subject to the provisions of Article 10 below. 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, with Notice of the objection given to the other Party. 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 ten (10) Business Days of such resolution.

- (f) Buyer may deduct any amounts that would otherwise be due to Seller under this Agreement from any amounts owing and unpaid by Seller to Buyer under this Agreement.
- (g) With respect to any Joint Resource, if Seller and any third party both submit claims to Buyer for payment with respect to such Joint Resource which, when added together, exceed the total capacity of the Joint Resource, Buyer shall not be obligated to make payment to Seller in respect of such Joint Resource until Seller reconciles the error with such third party and Seller re-submits the corrected invoice to Buyer.
- (h) With respect to a Joint Resource, if such Joint Resource's Demonstrated Capacity for a particular type of Product in any Showing Month is less than such Joint Resource's assigned NQC and/or EFC for such type of Product (as set forth in Exhibit C), Seller shall have the right to demonstrate to Buyer the Joint Resource's actual performance, and shall be compensated in accordance with Section 1.6. In the event Buyer finds Seller's demonstration inconclusive, the Joint Resource's total capacity shall be allocated pro-rata among the parties with rights to a portion of such Joint Resource's type of Product based on the information required to be provided in Section 1.6(d), and Seller's compensation shall be calculated using its percentage allocation of such PDR's or RDRR's capacity, accordingly.

4.3. Allocation of Other CAISO Payments and Costs

As between Buyer and Seller, Seller shall retain any revenues Seller or Seller's SC may receive from and pay all costs, penalties, charges charged to Seller or Seller's SC by the CAISO or any other third party in connection with the DRAM Resource, except as expressly provided otherwise in this Agreement.

ARTICLE 5. CREDIT AND COLLATERAL

5.1. Seller's Credit and Collateral Requirements

(a) If, at any time during the Term after CPUC Approval is obtained or waived by Buyer, Seller does not have a Credit Rating, or if its Credit Rating is below BBBfrom S&P and Baa3 from Moody's, if rated by both S&P and Moody's or below BBB- from S&P or Baa3 from Moody's, if rated by either S&P or Moody's, but not both, Seller shall provide and maintain collateral with Buyer in an amount equal to twenty percent (20%) of the sum of the estimated Delivered Capacity Payments for all of the remaining months of the Delivery Period including the current month, with such estimated Delivered Capacity Payments being based on the applicable Monthly Quantity values times the applicable Contract Price ("Performance Assurance").

- (b) If Seller's Credit Rating is at or above BBB- from S&P and Baa3 from Moody's if rated by both S&P and Moody's or at or above BBB- from S&P or Baa3 from Moody's, if rated by either S&P or Moody's, but not both, Seller shall have no obligation to provide Performance Assurance to Buyer, and Sections 5.2 through 5.5 will not be applicable.
- (c) If required pursuant to Section 5.1(a), Seller shall post the Performance Assurance with Buyer within ten (10) Business Days of the Execution Date.

5.2. Grant of Security Interest/Remedies

To secure its obligations under this Agreement, and until released as provided (a) herein, Seller hereby grants to Buyer a present and continuing security interest in, and lien on (and right of setoff against), and collateral assignment of, the Performance Assurance and 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, such Buyer, and each Party agrees to take such action as the other Party reasonably requires in order to perfect Buyer's first-priority security interest in, and lien on (and right of setoff against), such Performance Assurance and collateral and any and all proceeds resulting therefrom or from the liquidation thereof. Upon or any time after the occurrence or deemed occurrence and during the continuation of an Event of Default or an Early Termination Date, Buyer, if it is the Non-Defaulting Party, may do any one or more of the following: (i) exercise any of the rights and remedies of a Buyer with respect to all Performance Assurance, including any such rights and remedies under law then in effect; (ii) exercise its rights of setoff against any and all property of the Defaulting Party in the possession of the Non-Defaulting Party or its agent; (iii) draw on any outstanding Letter of Credit issued for its benefit; and (iv) liquidate all Performance Assurance then held by or for the benefit of Buyer free from any claim or right of any nature whatsoever of the Defaulting Party, including any equity or right of purchase or redemption by the Defaulting Party. In such an event Buyer shall apply the proceeds of the collateral realized upon the exercise of any such rights or remedies to reduce 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.

5.3. Reduction and Substitution of Performance Assurance

(a) If the amount of Performance Assurance held by Buyer exceeds the amount required pursuant to Section 5.1, on any Business Day, Seller may give Notice to Buyer requesting a reduction in the amount of Performance Assurance previously provided by Seller for the benefit of Buyer, provided that, (i) after giving effect to the requested reduction in Performance Assurance, no Event of Default or Potential

Event of Default with respect to Seller has occurred and is continuing, and (ii) no Early Termination Date has occurred or been designated as a result of an Event of Default with respect to Seller for which there exist any unsatisfied payment obligations. A permitted reduction in Performance Assurance may be effected by the Transfer of Cash to Seller or the reduction of the amount of an outstanding Letter of Credit previously issued for the benefit of Buyer. Seller shall have the right to specify the means of effecting the reduction in Performance Assurance. In all cases, the cost and expense of reducing Performance Assurance (including, but not limited to, the reasonable costs, expenses, and attorneys' fees of Buyer) shall be borne by Seller. Unless otherwise agreed in writing by the Parties, (iii) if Seller's reduction demand is made on or before the Notification Time on a Business Day, then Buyer shall have five (5) Business Days to effect a permitted reduction in Performance Assurance, and (iv) if Seller's reduction demand is made after the Notification Time on a Business Day, then Buyer shall have six (6) Business Days to effect a permitted reduction in Performance Assurance, in each case, if such reduction is to be effected by the return of Cash to Seller. If a permitted reduction in Performance Assurance is to be effected by a reduction in the amount of an outstanding Letter of Credit previously issued for the benefit of Buyer, Buyer shall promptly take such action as is reasonably necessary to effectuate such reduction.

- Except when an Event of Default or Potential Event of Default with respect to (b) Seller shall have occurred and be continuing or an Early Termination Date has occurred or been designated as a result of an Event of Default with respect to Seller for which there exist any unsatisfied payment obligations, Seller may substitute Performance Assurance for other existing Performance Assurance of equal value upon five (5) Business Days' Notice (provided such Notice is made on or before the Notification Time, otherwise the notification period shall be six (6) Business Days) to Buyer. Upon the Transfer to Buyer of the substitute Performance Assurance, Buyer shall Transfer the relevant replaced Performance Assurance to Seller within five (5) Business Days. Notwithstanding anything herein to the contrary, no such substitution shall be permitted unless (i) the substitute Performance Assurance is Transferred simultaneously or has been Transferred to Buyer prior to the release of the Performance Assurance to be returned to Seller and the security interest in, and general first lien upon, such substituted Performance Assurance granted pursuant hereto in favor of Buyer shall have been perfected as required by applicable law and shall constitute a first priority perfected security interest therein and general first lien thereon, and (ii) after giving effect to such substitution, the substitute Performance Assurance shall equal the amount of Performance Assurance being replaced. Each substitution of Performance Assurance shall constitute a representation and warranty by Seller that the substituted Performance Assurance shall be subject to and governed by the terms and conditions of this Article 5, including without limitation the security interest in, general first lien on and right of offset against, such substituted Performance Assurance granted pursuant hereto in favor of Buyer pursuant to this Article 5.
- (c) The Transfer of any Performance Assurance by Buyer in accordance with this Section 5.3 shall be deemed a release by Buyer of its security interest, general first

lien and right of offset granted pursuant to this Article 5 hereof only with respect to such returned Performance Assurance. In connection with each Transfer of any Performance Assurance pursuant to this Article 5, Seller will, upon request of Buyer, execute a receipt showing the Performance Assurance Transferred to it.

5.4. Administration of Performance Assurance

- (a) <u>Cash</u>. Performance Assurance provided in the form of Cash to Buyer shall be subject to the following provisions:
 - (i) Notwithstanding the provisions of applicable law, if no Event of Default has occurred and is continuing with respect to Buyer and no Early Termination Date has occurred or been designated as a result of an Event of Default with respect to Buyer for which there exist any unsatisfied payment obligations, then Buyer shall have the right to sell, pledge, rehypothecate, assign, invest, use, commingle or otherwise use in its business any Cash that it holds as Performance Assurance hereunder, free from any claim or right of any nature whatsoever of Seller, including any equity or right of redemption by Seller.
 - (ii) So long as no Event of Default or Potential Event of Default with respect to Seller has occurred and is continuing, and no Early Termination Date for which any unsatisfied payment obligations of Seller exist has occurred or been designated as the result of an Event of Default with respect to Seller, and to the extent that an obligation to Transfer Performance Assurance would not be created or increased by the Transfer, in the event that Buyer is holding Cash, Buyer will Transfer (or caused to be Transferred) to Seller, in lieu of any interest or other amounts paid or deemed to have been paid with respect to such Cash (all of which may be retained by Buyer), the Interest Amount when Buyer returns the Cash to Seller following the termination or expiration of this Agreement, as applicable and in conformity with Section 9.6. On or after the occurrence of a Potential Event of Default or an Event of Default with respect to Seller or an Early Termination Date as a result of an Event of Default with respect to Seller, Buyer shall retain any such Interest Amount as additional Performance Assurance hereunder until the obligations of Seller under the Agreement have been satisfied in the case of an Early Termination Date or for so long as such Event of Default is continuing in the case of an Event of Default.
- (b) <u>Letters of Credit</u>. Performance Assurance provided in the form of a Letter of Credit shall be subject to the following provisions:
 - Each Letter of Credit shall be maintained for the benefit of Buyer. Seller shall (A) renew or cause the renewal of each outstanding Letter of Credit on a timely basis as provided in the relevant Letter of Credit, (B) if the bank or financial institution that issued an outstanding Letter of Credit has indicated its intent not to renew such Letter of Credit, provide either a substitute

Letter of Credit or Cash, in each case at least thirty (30) calendar days prior to the expiration of the outstanding Letter of Credit, and (C) if a bank or financial institution issuing a Letter of Credit shall fail to honor Buyer's properly documented request to draw on an outstanding Letter of Credit, provide for the benefit of Buyer either a substitute Letter of Credit that is issued by a bank or financial institution acceptable to Buyer or Cash, in each case within one (1) Business Day after such refusal.

- (ii) As one method of providing Performance Assurance, Seller may increase the amount of an outstanding Letter of Credit or establish one or more additional Letters of Credit.
- (iii) Upon the occurrence of a Letter of Credit Default, Seller agrees to Transfer to Buyer either a substitute Letter of Credit or Cash, in each case on or before the first (1st) Business Day after the occurrence thereof (or the fifth (5th) Business Day after the occurrence thereof if only clause (a) *LOU Comment: Additional section reference only applies to PG&E Agreements* (i) under the definition of Letter of Credit Default applies).
- Upon or at any time after the occurrence and continuation of an Event of (iv) Default or Letter of Credit Default with respect to Seller, or if an Early Termination Date has occurred or been designated as a result of an Event of Default with respect to Seller for which there exist any unsatisfied payment obligations, then Buyer may draw on the entire, undrawn portion of any outstanding Letter of Credit upon submission to the bank or financial institution issuing such Letter of Credit of one or more certificates specifying that such Event of Default, Letter of Credit Default or Early Termination Date has occurred and is continuing. Cash proceeds received from drawing upon the Letter of Credit shall be deemed Performance Assurance as security for Seller's obligations to Buyer and Buyer shall have the rights and remedies set forth in Section 5.5 with respect to such Cash proceeds. Notwithstanding Buyer's receipt of Cash proceeds of a drawing under the Letter of Credit, Seller shall remain liable (A) for any failure to Transfer sufficient Performance Assurance and (B) for any amounts owing to Buyer and remaining unpaid after the application of the amounts so drawn by Buyer.
- (v) In all cases, the costs and expenses of establishing, renewing, substituting, canceling, and increasing the amount of a Letter of Credit shall be borne by Seller.
- (c) <u>Care of Performance Assurance</u>. Except as otherwise provided in Section 5.4(a)(i) and beyond the exercise of reasonable care in the custody thereof, Buyer shall have no duty as to any Performance Assurance in its possession or control or any income thereon or as to the preservation of rights against prior parties or any other rights pertaining thereto. Buyer shall be deemed to have exercised reasonable care in the custody and preservation of the Performance Assurance in its possession if the

Performance Assurance is accorded treatment substantially equal to that which it accords its own property, and shall not be liable or responsible for any loss or damage to any of the Performance Assurance, or for any diminution in the value thereof, except to the extent such loss or damage is the result of Buyer's willful misconduct or gross negligence. Buyer shall at all times retain possession or control of any Performance Assurance Transferred to it.

5.5. Exercise of Rights against Performance Assurance

- (a) If an Event of Default with respect to Seller has occurred and is continuing or an Early Termination Date has occurred or been designated as a result of an Event of Default with respect to Seller, Buyer may exercise any one or more of the rights and remedies provided under this Agreement, or as otherwise available under Applicable Law. Without limiting the foregoing, if at any time an Event of Default with respect to Seller has occurred and is continuing, or an Early Termination Date occurs or is deemed to occur as a result of an Event of Default with respect to Seller, then Buyer may, in its sole discretion, exercise any one or more of the following rights and remedies:
 - (i) All rights and remedies available to a Buyer under the Uniform Commercial Code and any other applicable jurisdiction and other Applicable Laws with respect to the Performance Assurance held by or for the benefit of Buyer;
 - (ii) The right to set off any Performance Assurance held by or for the benefit of Buyer against and in satisfaction of any amount payable by Seller in respect of any of its obligations; and
 - (iii) The right to draw on any outstanding Letter of Credit issued for its benefit.
- (b) Buyer shall be under no obligation to prioritize the order with respect to which it exercises any one or more rights and remedies available hereunder. Seller shall in all events remain liable to Buyer for any amount payable by Seller in respect of any of its obligations remaining unpaid after any such liquidation, application and set off.

5.6. Financial Information

(a) If requested by a Party, the other Party shall deliver (a) within one hundred twenty (120) days following the end of each fiscal year, a copy of the annual report containing audited consolidated financial statements (income statement, balance sheet, statement of cash flows and statement of retained earnings and all accompanying notes) for such fiscal year setting forth in each case in comparative form the figures for the previous year for the Party, as the case may be, and (b) within sixty (60) days after the end of each of its first three fiscal quarters of each fiscal year, a copy of a quarterly report containing unaudited consolidated financial statements for such fiscal quarter and the portion of the figures for the end of such quarter, setting forth in each case in comparative form the figures for the party files reports with the Securities and Exchange

Commission, certified in accordance with all applicable laws and regulations, including without limitation all applicable Securities and Exchange Commission rules and regulations. If the Party does not file reports with the Securities and Exchange Commission, the reports must be certified by a Chief Financial Officer, Treasurer or any Assistant Treasurer as being fairly stated in all material respects (subject to normal year end audit adjustments); *provided*, for the purposes of this Section 5.6, if a Party's financial statements are publicly available electronically on the Securities and Exchange Commission's website, then this requirement shall be deemed satisfied. In all cases the statements shall be for the most recent accounting period and shall be prepared in accordance with generally accepted accounting principles; *provided*, should any such statements not be available on a timely basis due to a delay in preparation or certification, such delay shall not be an Event of Default so long as the relevant entity diligently pursues the preparation, certification and delivery of the statements.

5.7. Access to Financial Information

The Parties agree that <u>SecuritySecurities</u> and Exchange Commission rules for reporting power purchase agreements may require Buyer to collect and possibly consolidate financial information. If such reporting is required for this Agreement, Buyer is obligated to obtain information from Seller to determine whether or not consolidation is required. If Buyer determines that consolidation is required, Buyer shall require the following during every calendar quarter for the Term of the Agreement:

- (a) Complete financial statements and notes to financial statements, which may include accruals and prior month estimates with true-ups to actual activity;
- (b) Financial schedules underlying the financial statements, all within fifteen (15) days of the end of each quarter; and
- (c) Access to records and personnel, so that Buyer's independent auditor can conduct financial audits (in accordance with generally accepted auditing standards) and internal control audits (in accordance with Section 404 of the Sarbanes-Oxley Act of 2002).

Any information provided to Buyer pursuant to this Section $\frac{5.6(b)5.7}{5.7}$ shall be treated confidentially and only disclosed on an aggregate basis with other similar entities for which Buyer has contracts. The information will only be used for financial statement purposes and shall not be otherwise shared with internal or external parties. *[IOU Comment: This provision only applies to PG&E & SDGE Agreements.]*

(a) Buyer shall determine, through consultation with its internal accountants and review with their independent registered public accounting firm, that Buyer is required to consolidate Seller's financial statements with Buyer's financial statements for financial accounting purposes under Accounting Standards Codification (ASC) 810/Accounting Standards Update 2009-17, "Consolidation of Variable Interest Entities" (ASC 810), or future guidance issued by accounting

profession governance bodies or the SEC that affects Buyer accounting treatment for this Agreement (the "Financial Consolidation Requirement").

(b) If the Financial Consolidation Requirement is applicable, then:

- (i) Within twenty (20) days following the end of each calendar year (for each year that such treatment is required), Seller shall deliver to Buyer unaudited financial statements and related footnotes of Seller as of the end of the year. It is permissible for Seller to use accruals and prior months' estimates with true up to actual activity, in subsequent periods, when preparing the unaudited financial statements. The annual financial statements should include quarter-to-date and yearly information. Buyer shall provide to Seller a checklist before the end of each year listing the items which Buyer believes are material to Buyer and required for this purpose, and Seller shall provide the information on the checklist, subject to the availability of data from Seller's records. It is permissible for Seller to use accruals and prior month's estimates with true-up to actual activity, in subsequent periods, when preparing the information on the checklist. If audited financial statements are prepared for Seller for the year, Seller shall provide such statements to Buyer within five (5) Business Days after those statements are issued.
- (ii) Within fifteen (15) days following the end of each fiscal quarter (for each quarter that such treatment is required), Seller shall deliver to Buyer unaudited financial statements and related footnotes of Seller as of the end of the quarterly period. The financial statements should include quarter to date and year to date information. Buyer shall provide to Seller a checklist before the end of each quarter listing items which Buyer believes are material to Buyer and required for this purpose, and Seller shall provide the information on the checklist, subject to the availability of data from Seller's records. It is permissible for Seller to use accruals and prior months' estimates with true-up to actual activity, in subsequent periods, when preparing the unaudited financial statements.
- (iii) If Seller regularly prepares its financial data in accordance with GAAP, IFRS, or Successor, the financial information provided to Buyer shall be prepared in accordance with such principles. If Seller is not a SEC registrant and does not regularly prepare its financial data in accordance with GAAP, IFRS or Successor, the information provided to Buyer shall be prepared in a format consistent with Seller's regularly applied accounting principles, e.g., the format that Seller uses to provide financial data to its auditor.

(c) If the Financial Consolidation Requirement is applicable, then promptly upon Notice from Buyer, Seller shall allow Buyer's independent registered public accounting firm such access to Seller's records and personnel, as reasonably required so that Buyer's independent registered public accounting firm can conduct financial statement audits in accordance with the standards of the Public Company

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Accounting Oversight Board (United States), as well as internal control audits in accordance with Section 404 of the Sarbanes Oxley Act of 2002, as applicable. All expenses for the foregoing shall be borne by Buyer. If Buyer's independent registered public accounting firm during or as a result of the audits permitted in this Section 5.7(c) determines a material weakness or significant deficiency, as defined by GAAP, IFRS or Successor, as applicable, exists in Seller's internal controls over financial reporting, then within ninety (90) days of Seller's receipt of Notice from Buyer, Seller shall remediate any such material weakness or significant deficiency; *provided*, Seller has the right to challenge the appropriateness of any determination of material weakness or significant deficiency. Seller's true up to actual activity for yearly or quarterly information as provided herein shall not be evidence of material weakness or significant deficiency.

(d) Buyer shall treat Seller's financial statements and other financial information provided under the terms of this Section 5.76 in strict confidence and, accordingly:

- (i) Shall utilize such Seller financial information *only* for purposes of preparing, reviewing or certifying Buyer's or any Buyer parent company financial statements, for making regulatory, tax or other filings required by law in which Buyer is required to demonstrate or certify its or any parent company's financial condition or to obtain credit ratings;
- (ii) Shall make such Seller financial information available only to its officers, directors, employees or auditors who are responsible for preparing, reviewing or certifying Buyer's or any Buyer parent company financial statements, to the SEC and the Public Company Accounting Oversight Board (United States) in connection with any oversight of Buyer's or any Buyer parent company financial statement and to those persons who are entitled to receive confidential information as identified in Article 13; and
- (iii) Buyer shall ensure that its internal auditors and independent registered public accounting firm (1) treat as confidential any information disclosed to them by Buyer pursuant to this Section 5.7, (2) use such information solely for purposes of conducting the audits described in this Section 5.7, and (3) disclose any information received only to personnel responsible for conducting the audits.
- (e) If the Financial Consolidation Requirement is applicable, then, within two (2) Business Days following the occurrence of any event affecting Seller which Seller understands, during the Term, would require Buyer to disclose such event in a Form 8 K filing with the SEC, Seller shall provide to Buyer a Notice describing such event in sufficient detail to permit Buyer to make a Form 8 K filing.
 (f) If, after consultation and review, the Parties do not agree on issues raised by Section 5.7(a), then such dispute shall be subject to review by another independent audit firm not associated with either Party's respective independent registered public accounting firm, reasonably acceptable to both Parties. This third

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independent audit firm will render its recommendation on whether consolidation by Buyer is required. Based on this recommendation, Seller and Buyer shall mutually agree on how to resolve the dispute. If Seller fails to provide the data consistent with the mutually agreed upon resolution, Buyer may declare an Event of Default pursuant to Section 9.1. If the independent audit firm associated with Buyer still determines, after review by the third party independent audit firm, that Buyer must consolidate, then Seller shall provide the financial information necessary to permit consolidation to Buyer; *provided*, in addition to the protections in Article 13, such information shall be password protected and available only to those specific officers, directors, employees and auditors who are preparing and certifying the consolidated financial statements and not for any other purpose. *[IOU Comment: This provision only applies to SCE Agreements.]*

5.8. Uniform Commercial Code Waiver

This Agreement sets forth the entirety of the agreement of the Parties regarding credit, collateral, financial assurances and adequate assurances. Except as expressly set forth in this Agreement, including, those provisions set forth in Article 5 and Article 9, neither Party:

- (a) has or will have any obligation to post margin, provide <u>lettersLetters</u> of <u>creditCredit</u>, pay deposits, make any other prepayments or provide any other financial assurances, in any form whatsoever, or
- (b) will have reasonable grounds for insecurity with respect to the creditworthiness of a Party that is complying with the relevant provisions of Article 45 and Article 9; and all implied rights relating to financial assurances arising from Section 2-609 of the Uniform Commercial Code or case law applying similar doctrines, are hereby waived.

ARTICLE 6. SPECIAL TERMS AND CONDITIONS

6.1. Limitation of Liability

Buyer has no obligations to any person or entity that is, or may participate as, a DRAM Resource Customer, DRP (if Seller is not a DRP), or Seller's SC and Seller shall indemnify Buyer against any claim made by any such DRAM Customer, the DRP (if Seller is not a DRP), or Seller's SC with respect to its participation in or with the PDR, RDRR or DRAM Resource, as applicable.

6.2. Buyer Provision of Information

Buyer shall, to the extent available and permitted by Applicable Law, including Rule $\frac{24/32}{2}$, 24, provide specific information consistent with the CISR-DRP form adopted by the CPUC in D.13-12-029 and Resolution E-4630 including, but not limited to, usage, and/or meter data of a Customer to Seller, if Seller provides to Buyer written authorization from such Customer to release such information. Such written authorization must be provided in a form reasonably acceptable to Buyer. Buyer shall be liable for penalties or

charges incurred by Seller from either the CAISO or the CPUC resulting solely from Buyer's failure to provide timely, accurate data to Seller in accordance with this Section 6.2.

6.3. Changes in Applicable Laws

- (a) If a change in Applicable Laws renders this Agreement or any material terms herein incapable of being performed or administered, then either Party, on Notice, may request the other Party to enter into good faith negotiations to make the minimum changes to this Agreement necessary to make this Agreement capable of being performed or administered, while attempting to preserve to the maximum extent possible the benefits, burdens and obligations set forth in this Agreement as of the Execution Date. The Parties acknowledge that such changes may require the approval of the CPUC before becoming effective.
- (b) If the Parties have been unable to reach agreement within thirty (30) days after receipt of such Notice, then either Party may terminate this Agreement by providing Notice. A Party's exercises its rights under this Section 6.3 will not be deemed to be a failure of Seller to sell or deliver the Product or a failure of Buyer to purchase or receive the Product, and will not be or cause an Event of Default by either Party. Neither Party shall have any further obligation or liability to the other and no Settlement Amount with respect to this Agreement will be due or owing by either Party upon termination of this Agreement due solely to a Party's exercise of its right pursuant to this Section 6.3.

6.4. DBE Reporting

No later than twenty (20) days after each semi-annual period ending on June 30th or December 31st during the Term, Seller shall provide to Buyer a report listing all Diverse Business Enterprises that supplied goods or services to Seller during such period, including any certifications or other documentation of such Diverse Business Enterprises' status as such and the amount paid to each Diverse Business Enterprise during such period.

- (i) Buyer has the right to disclose to the CPUC all such information provided by Seller pursuant to this Section 6.4.
- Seller shall make reasonable efforts to accommodate requests by the CPUC (or by Buyer in response to a request by the CPUC) to audit Seller in order to verify data provided by Seller pursuant to this Section 6.4.

6.5. Governmental Charges

Seller shall pay on request and indemnify Buyer against any taxes (including without limitation, any applicable transfer taxes and stamp, registration or other documentary taxes), assessments, or charges that may become payable by reason of the security interests, general first lien and right of offset granted under this Agreement or the execution, delivery, performance or enforcement of this Agreement, as well as any penalties with respect thereto.

6.6. Customers in Buyer Automated Demand Response Program

Seller agrees to and acknowledges the following with respect to Buyer's ADR Customers which are included in Seller's DRAM Resource:

- (a) ADR Customers in Buyer's ADR are eligible to participate concurrently in Buyer's ADR and Seller's DRAM Resource, subject to the requirements of this Section 6.6 and this Agreement. The ADR Customer remains responsible for fulfilling its obligations under Buyer's ADR during the time period such ADR Customer is in Seller's DRAM Resource.
- (b) Seller shall be responsible for (i) notification to ADR Customers in its DRAM Resource of each Bid awarded by the CAISO ("Award") for a PDR or RDRR, and (ii) operation of the ADR Customers' ADR equipment to respond to an Award. During the time period that an ADR Customer is enrolled in a DRAM Resource, Buyer will not send notifications to such ADR Customer of Awards and will not operate ADR Customers' ADR equipment.
- (c) If Seller or its DRP enrolls an ADR Customer in Seller's DRAM Resource, Seller shall provide Buyer with Notice within five (5) Business Days of such enrollment of the ADR Customer's enrollment along with the ADR Customer's name, service account address, SAID, location, the ADR agreement, and confirmation that the ADR Customer has unenrolled from all or any of Buyer's event-based demand response programs (other than ADR) prior to enrolling in Seller's DRAM Resource. Seller shall provide Buyer with Notice within fifteen (15) days after an ADR Customer leaves Seller's DRAM Resource.
- (d) ADR Customers in their first year of participation in ADR who enroll in a DRAM Resource will be required to demonstrate performance through the DRAM Resource to qualify for the remaining 40% technology incentive payment of ADR.
- (e) Seller shall notify in writing all of its ADR Customers of the items set forth in this Section 6.6 prior to enrolling such ADR Customers in Seller's DRAM Resource, as applicable pursuant to Section 1.4.
- (f) Buyer may communicate (i) with the Seller's ADR Customers about the ADR Customer's participation in a DRAM Resource and ADR, and (ii) with the ADR Customers with respect to anything involving their participation in ADR.
- (g) Promptly following receipt of Buyer's Notice, Seller shall provide to Buyer all information necessary for Buyer to administer the ADR Customers' participation in Buyer's ADR, including, but not limited to: (i) the information described in Section 6.6(c), (ii) the days in each Showing Month of Dispatch of the applicable PDR or RDRR in the DRAM Resource, (iii) all hours in such Showing Month, corresponding to the days in subsection (ii), when Seller dispatched or called on the ADR Customer to respond to an Award, and (iv) information on ADR Customers that Seller did not dispatch or call on to respond to an Award for such Showing Month. The ADR Customer's participation in the Seller's DRAM Resource as

described in this Section 6.6(g) will be used in conjunction with the ADR Customer's participation in Buyer's demand response programs, to calculate the ADR Customer's performance for its approved kW in the ADR.

- (h) If Seller does not provide all the information Buyer needs to administer the ADR Customer's participation in Buyer's ADR, the ADR Customer will be in non-compliance with the requirements of ADR.
- (i) Following the termination or expiration of this Agreement, Buyer may notify the ADR Customers in Seller's DRAM Resource that such ADR Customers need to participate in a utility demand response program, if such ADR Customers are within the first three years of their commitment to ADR as of the date of such termination or expiration.

ARTICLE 7. REPRESENTATIONS, WARRANTIES AND COVENANTS

7.1. Representations and Warranties of Both Parties

On the Execution 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) Except for CPUC Approval in the case of Buyer, it has or will timely acquire all regulatory authorizations necessary for it to legally perform its obligations under this Agreement;
- (c) The execution, delivery and performance of this Agreement are 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 law, rule, regulation, order or the like applicable to it;
- (d) This Agreement constitutes its legally valid and binding obligation, enforceable against it in accordance with its terms;
- (e) It is not Bankrupt and there are not proceedings pending or being contemplated by it or, to its knowledge, threatened against it which would result in it being or become Bankrupt;
- (f) There is not pending or, to its knowledge, threatened against it, any legal proceedings that could materially adversely affect its ability to perform its obligations under this Agreement;
- (g) It (i) is acting for its own account, (ii) 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, (iii) is not relying upon the advice or recommendations of the other Party in so doing, and (iv) is capable of assessing the

merits of and understanding, and understands and accepts, the terms, conditions, and risks of this Agreement; and

(h) It has entered into this Agreement in connection with the conduct of its business and it has the capability or ability to make available or take delivery of, as applicable, the Product under this Agreement in accordance with the terms of this Agreement.

7.2. Additional Seller Representations, Warranties and Covenants

- (a) On the Execution Date, Seller represents and warrants to Buyer that Seller has not used, granted, pledged, assigned, or otherwise committed any of the Monthly Quantity to meet the RAR, Local RAR and/or Flexible RAR, as applicable, or confer Resource Adequacy Benefits upon, any entity other than Buyer during the Delivery Period.
- (b) Seller covenants that throughout the Delivery Period:
 - (i) Seller will deliver the Product to Buyer free and clear of all liens, security interests, claims and encumbrances or any interest therein or thereto by any person;
 - Seller has been authorized by each Customer, to act as an aggregator on behalf of such Customer to participate as a PDR or RDRR in the DRAM Resource, if Seller is not also a Customer;
 - (iii) The DRP has been authorized by each Customer to act on behalf of such Customer to participate as a PDR or RDRR for the DRAM Resource, if Seller is not the DRP; and
 - (iv) Seller will not use, grant, pledge, assign, or otherwise commit any Product Monthly Quantity to meet the RAR, Local RAR, and/or Flexible RAR, as applicable, of, or confer Resource Adequacy Benefits of the Product upon, any entity other than Buyer during the Delivery Period;
 - (v) During each month of the Delivery Period, if any participating Customers in the DRAM Resource have Back-up Generation, Seller shall ensure that such Back-up Generation is not used during a Dispatch by any PDR or RDRR providing Product to Buyer during such month. Seller shall use at least one of the following options to demonstrate that participating Customers did not use Back-up Generation during a Dispatch of a PDR or RDRR providing Product to Buyer: (w) provide an attestation with each invoice that no participating Customer in the PDR or RDRR providing Product in the invoiced month used Back-up Generation during a Dispatch; (x) prohibit participating Customers from having Back-up Generation in its DRAM Resource; (y) monitor metering on the participating Customer's DRAM Resource to ensure that no Back-up Generation was used during a Dispatch of a PDR or RDRR providing Product to Buyer; and (z) require, in

its agreement with its participating Customers, that no Back-up Generation may be used during a Dispatch of a PDR or RDRR providing Product to Buyer. If the Commission approves a policy and/or requirement dictating an approach for regulating the usage of generation or storage during demand response events on or before the date on which this Agreement is signed by the Parties, then that policy and/or requirement shall apply, and this Agreement shall be modified as directed by the Commission or its staff.

(vi) If any respective PDR or RDRR is a Joint Resource, Seller shall ensure that: (x) the use of the Joint Resource does not result in Buyer making payment in respect of Demonstrated Capacity for a type of Product in excess of the total capacity of the Joint Resource, whether to Seller or any other party, regardless of whether payment is made under this Agreement, another agreement in the DRAM II Pilot Program, any other demand resource agreement or program, or any combination thereof; (y) the use of the Joint Resource does not result in Buyer making payment more than once in respect of capacity relating to a particular customer registered in the Joint Resource, regardless of whether payment is made under this Agreement, another agreement in the DRAM II Pilot Program, any other demand resource agreement or program, or any combination thereof; and (z) Seller has the right to access and provide to Buyer the records and data regarding any DRAM Resource Customer that is not designated by Seller under Section 1.6(d) as part of the amount to be used to show Demonstrated Capacity for a type of Product under this Agreement to permit Buyer to audit such Joint Resource under Section 1.6(fg) to the same extent Buyer may audit PDRs or RDRRs that are not Joint Resources.

ARTICLE 8. NOTICES

8.1. Notices

Notices, requests, statements or payments from one Party to the other Party shall be made to the addresses and persons specified in Section 8.2. All Notices, requests, statements or payments from one Party to the other Party shall be made in writing and may be delivered by hand delivery, first class United States mail, overnight courier service, e-mail or facsimile. Notice from one Party to the other Party by e-mail or facsimile (where confirmation of successful transmission is received) shall be deemed to have been received on the day on which it was transmitted (unless transmitted after 5:00 p.m. at the place of receipt or on a day that is not a Business Day, in which case it shall be deemed received on the next Business Day). Notice from one Party to the other Party by hand delivery or overnight delivery shall be deemed to have been received when delivered. A Party may change its contact information by providing Notice of the same in accordance herewith.

8.2. Contact Information

For Buyer:

Billing Representative [Name] Phone: Facsimile: Email: <u>Contract Representative</u> [Name] Phone: Facsimile: Email:

Supply Plan Contact [Name] Phone: Facsimile: Email:

Settlements

[Name] Phone: Facsimile: Email:

Other Buyer Contact Information

Credit and Collections
Attn:
Phone:
Facsimile:

Email:

Notices of Event of Default or Potential Event of Default to: [Name] Phone: Facsimile: Email:

For Seller:	
Billing Representative [Name] Phone: Facsimile: Email:	<u>Contract Representative</u> [Name] Phone: Facsimile: Email:
<u>Supply Plan Contact</u> [Name] Phone: Facsimile: Email:	
Other Seller Contact Information	
Wire Transfer	Credit and Collections
BNK:	Attn:
ABA:	Phone:
ACCT:	Facsimile:
	Email:
Notices of Event of Default or Poten [Name] Phone:	tial Event of Default to:

Facsimile: Email:

The Parties acknowledge and agree that those persons set forth in this Section 8.2 are designated by each Party as their respective authorized representatives to act on their behalf for the purposes described therein.

ARTICLE 9. EVENTS OF DEFAULT; TERMINATION

9.1. Events of Default

An "Event of Default" shall mean, with respect to a Party ("Defaulting Party"), the occurrence of any of the following:

- (a) With respect to either Party:
 - (i) The failure to make, when due, any payment required to be made to the other Party pursuant to this Agreement, if such failure is not remedied

within three (3) Business Days after written Notice of such failure is given by the Non-Defaulting Party;

- (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 if the representation or warranty is continuing in nature;
- (iii) The failure to perform any material covenant, obligation, term or condition of this Agreement (except to the extent constituting a separate Event of Default), where such breach is not remedied within five (5) Business Days of Notice of such breach by the Non-Defaulting Party; provided that an occurrence of Demonstrated Capacity for a type of Product being less than Product Monthly Quantity for such type of Product in a Showing Month shall not be a Seller Event of Default.
- (iv) Such Party becomes Bankrupt; or
- (v) A Merger Event occurs with respect to such Party.
- (b) With respect to Seller:
 - (i) The failure of Seller to satisfy the collateral requirements set forth in Article 5;
 - During the Term, Seller makes any material misrepresentation or omission in any report required to be made or furnished by Seller, the Seller's DRP or the Seller's SC pursuant to this Agreement;
 - (iii) During the Delivery Period, Seller sells, assigns, or otherwise transfers, or commits to sell, assign, or otherwise transfer, the Product, or any portion thereof, to any party other than Buyer without Buyer's written consent; or
 - (iv) During the Term, the occurrence and continuation of a default, event of default or other similar condition or event (however described) in respect of Seller under one or more agreements or instruments relating to indebtedness for borrowed money (whether present or future, contingent or otherwise), which results in such indebtedness for borrowed money (whether present or future, contingent or otherwise) becoming, or becoming capable at such time of being declared, immediately due and payable under such agreements or instruments, before it would otherwise have been due and payable, or a default by Seller in making one or more payments on the due date thereof in an aggregate amount of not less than [To be determined] under such agreements or instruments (after giving effect to any applicable notice requirement or grace period).

9.2. Early Termination

If an Event of Default shall have occurred, the Party taking the default (the "Non-Defaulting Party") has the right:

- (a) To designate by Notice, which will be effective five (5) Business Days after the Notice is given, a day, no later than twenty (20) calendar days after the Notice is effective, for the early termination of this Agreement (an "Early Termination Date");
- (b) Withhold any payments due to the Defaulting Party under this Agreement;
- (c) Suspend performance of this Agreement, but excluding Seller's obligation to post and maintain Performance Assurance in accordance with Article 5; and
- (d) To pursue all remedies available at law or in equity against the Defaulting Party (including monetary damages), except to the extent that such remedies are limited by the terms of this Agreement.

9.3. Termination Payment

- (a) As soon as practicable after an Early Termination Date is declared, the Non-Defaulting Party shall provide Notice to the Defaulting Party of the amount of the Termination Payment. The Notice must include a written statement setting forth, in reasonable detail, the calculation of such Termination Payment including the Settlement Amount, together with appropriate supporting documentation.
- (b) If the Termination Payment is positive, the Defaulting Party shall pay such amount to the Non-Defaulting Party within two (2) Business Days after the Notice is provided. If the Termination Payment is negative (i.e., the Non-Defaulting Party owes the Defaulting Party more than the Defaulting Party owes the Non-Defaulting Party), then the Settlement Amount shall be zero dollars (\$0), and the Non-Defaulting Party shall only pay to the Defaulting Party, within thirty (30) days after the Notice is provided, any amounts owed by the Non-Defaulting Party to the Defaulting Party determined as of the Early Termination Date.
- (c) If a Party disputes the other Party's calculation of the Termination Payment, in whole or in part, the disputing Party shall, within two (2) Business Days of receipt of the Party's calculation of the Termination Payment, provide to the other Party a detailed written explanation of the basis for such dispute. Any disputes as to the calculation of the Termination Payment which the Parties are unable to resolve may be submitted to dispute resolution as provided in Article 10.

9.4. Reserved

9.5. Suspension of Performance

Notwithstanding any other provision of this Agreement, if (a) an Event of Default or (b) a Potential Event of Default shall have occurred and be continuing, the Non-Defaulting Party, upon Notice to the Defaulting Party, shall have the right (i) to suspend performance under this Agreement and (ii) to the extent an Event of Default shall have occurred and be continuing to exercise any remedy available at law or in equity.

9.6. Rights and Obligations Surviving Termination or Expiration

The rights and obligations that are intended to survive a termination or expiration of this Agreement are all of those rights and obligations that this Agreement expressly provides survive any such termination or expiration and those that arise from a Party's covenants, agreements, representations, and warranties applicable to, or to be performed, at or during any time before or as a result of the termination or expiration of this Agreement, including:

- (a) A Party's obligation to provide information, including but not limited to Sections 3.3, 5.7, 6.2 and 6.4.
- (b) A Party's obligations with respect to invoices and payments pursuant to this Agreement;
- (c) The obligation of Seller to maintain Performance Assurance as set forth in Section 5.1;
- (d) The obligation of Buyer to return any Performance Assurance under Section 5.3;
- (e) The right to pursue remedies as set forth in Sections 9.2(d) and $\frac{10.4 \text{ Article } 10}{10.4 \text{ Article } 10}$;
- (f) The obligations with respect to a Termination Payment as set forth in Section 9.3;
- (g) The dispute resolution provisions of Article 10;
- (h) The indemnity obligations expressly set forth in this Agreement;
- (i) The limitation of liabilities as set forth in Sections 3.5, 6.1 and Article 12; and
- (j) The obligation of confidentiality as set forth in Article 13.

ARTICLE 10. DISPUTE RESOLUTION

10.1. <u>Dispute Resolution.</u>

Other than requests for provisional relief under Section 10.4, any and all Disputes which the Parties have been unable to resolve by informal methods after undertaking a good faith effort to do so, must first be submitted to mediation under the procedures described in

Section 10.2 below, and if the matter is not resolved through mediation, then for final and binding arbitration under the procedures described in Section 10.3 below.

The Parties waive any right to a jury and agree that there will be no interlocutory appellate relief (such as writs) available. Any Dispute resolution process pursuant to this Article 9 shall be commenced within one (1) year of the date of the occurrence of the facts giving rise to the Dispute, without regard to the date such facts are discovered; *provided*, if the facts giving rise to the Dispute were not reasonably capable of being discovered at the time of their occurrence, then such one (1) year period shall commence on the earliest date that such facts were reasonably capable of being discovered. If the Dispute resolution process pursuant to Article 10 with respect to a Dispute is not commenced within such one (1) year time period, such Dispute shall be barred, without regard to any other limitations period set forth by law or statute.

10.2. Mediation

Either Party may initiate mediation by providing Notice to the other Party of a written request for mediation, setting forth a description of the Dispute and the relief requested.

The Parties will cooperate with one another in selecting the mediator ("Mediator") from the panel of neutrals from Judicial Arbitration and Mediation Services, Inc. ("JAMS"), its successor, or any other mutually acceptable non JAMS Mediator, and in scheduling the time and place of the mediation.

Such selection and scheduling will be completed within forty-five (45) days after Notice of the request for mediation.

Unless otherwise agreed to by the Parties, the mediation will not be scheduled for a date that is greater than one hundred twenty (120) days from the date of Notice of the request for mediation.

The Parties covenant that they will participate in the mediation in good faith, and that they will share equally in its costs (other than each Party's individual attorneys' fees and costs related to the Party's participation in the mediation, which fees and costs will be borne by such Party).

All offers, promises, conduct and statements, whether oral or written, made in connection with or during the mediation by either of the Parties, their agents, representatives, employees, experts and attorneys, and by the Mediator or any of the Mediator's agents, representatives and employees, will not be subject to discovery and will be confidential, privileged and inadmissible for any purpose, including impeachment, in any arbitration or other proceeding between or involving the Parties, or either of them; *provided*, evidence that is otherwise admissible or discoverable will not be rendered inadmissible or non discoverable as a result of its use in the mediation.

10.3. Arbitration

Either Party may initiate binding arbitration with respect to the matters first submitted to mediation by providing Notice in accordance with Article 7 of a demand for binding arbitration before a single, neutral arbitrator (the "Arbitrator") within sixty (60) days following the unsuccessful conclusion of the mediation provided for in Section 10.2, above. If Notice of arbitration is not provided by either Party within sixty (60) days following the unsuccessful conclusion of the mediation provided for in Section 10.2, above. If Notice of arbitration is not provided by either Party within sixty (60) days following the unsuccessful conclusion of the mediation provided for in Section 10.2 above, the Dispute resolution process shall be deemed complete and further resolution of such Dispute shall be barred, without regard to any other limitations period set forth by law or statute.

The Parties will cooperate with one another in selecting the Arbitrator within sixty (60) days after Notice of the demand for arbitration and will further cooperate in scheduling the arbitration to commence no later than one hundred eighty (180) days from the date of Notice of the demand.

If, notwithstanding their good faith efforts, the Parties are unable to agree upon a mutually acceptable. Arbitrator, the Arbitrator will be appointed as provided for in California Code of Civil Procedure Section 1281.6.

To be qualified as an Arbitrator, each candidate must be a retired judge of a trial court of any state or federal court, or retired justice of any appellate or supreme court.

Unless otherwise agreed to by the Parties, the individual acting as the Mediator will be disqualified from serving as the Arbitrator in the dispute, although the Arbitrator may be another member of the JAMS panel of neutrals or such other panel of neutrals from which the Parties have agreed to select the Mediator.

Upon Notice of a Party's demand for binding arbitration, such Dispute submitted to arbitration, including the determination of the scope or applicability of this agreement to arbitrate, will be determined by binding arbitration before the Arbitrator, in accordance with the laws of the State of California, without regard to principles of conflicts of laws.

Except as provided for herein, the arbitration will be conducted by the Arbitrator in accordance with the rules and procedures for arbitration of complex business disputes for the organization with which the Arbitrator is associated.

Absent the existence of such rules and procedures, the arbitration will be conducted in accordance with the California Arbitration Act, California Code of Civil Procedure Section 1280 et seq. and California procedural law (including the Code of Civil Procedure, Civil Code, Evidence Code and Rules of Court, but excluding local rules).

Notwithstanding the rules and procedures that would otherwise apply to the arbitration, and unless the Parties agree to a different arrangement, the place of the arbitration will be in Los Angeles County, California.

Also notwithstanding the rules and procedures that would otherwise apply to the arbitration, and unless the Parties agree to a different arrangement, discovery will be limited as follows:

- (a) Before discovery commences, the Parties shall exchange an initial disclosure of all documents and percipient witnesses which they intend to rely upon or use at any arbitration proceeding (except for documents and witnesses to be used solely for impeachment);
- (b) The initial disclosure will occur within thirty (30) days after the initial conference with the Arbitrator or at such time as the Arbitrator may order;
- (c) Discovery may commence at any time after the Parties' initial disclosure;
- (d) The Parties will not be permitted to propound any interrogatories or requests for admissions;
- (e) Discovery will be limited to twenty-five (25) document requests (with no subparts), three (3) lay witness depositions, and three (3) expert witness depositions (unless the Arbitrator holds otherwise following a showing by the Party seeking the additional documents or depositions that the documents or depositions are critical for a fair resolution of the Dispute or that a Party has improperly withheld documents);
- (f) Each Party is allowed a maximum of three (3) expert witnesses, excluding rebuttal experts;
- (g) Within sixty (60) days after the initial disclosure, or at such other time as the Arbitrator may order, the Parties shall exchange a list of all experts upon which they intend to rely at the arbitration proceeding;
- (h) Within thirty (30) days after the initial expert disclosure, the Parties may designate a maximum of two (2) rebuttal experts;
- (i) Unless the Parties agree otherwise, all direct testimony will be in form of affidavits or declarations under penalty of perjury; and
- (j) Each Party shall make available for cross examination at the arbitration hearing its witnesses whose direct testimony has been so submitted.

Subject to Article 11, the Arbitrator will have the authority to grant any form of equitable or legal relief a Party might recover in a court action. The Parties acknowledge and agree that irreparable damage would occur if certain provisions of this Agreement are not performed in accordance with the terms of the Agreement, that money damages would not be a sufficient remedy for any breach of these provisions of this Agreement, and that the Parties shall be entitled, without the requirement of posting a bond or other security, to specific performance and injunctive or other equitable relief as a remedy for a breach of Article 13.

Judgment on the award may be entered in any court having jurisdiction.

The Arbitrator must, in any award, allocate all of the costs of the binding arbitration (other than each Party's individual attorneys' fees and costs related to the Party's participation in the arbitration, which fees and costs will be borne by such Party), including the fees of the Arbitrator and any expert witnesses, against the Party who did not prevail.

Until such award is made, however, the Parties will share equally in paying the costs of the arbitration.

At the conclusion of the arbitration hearing, the Arbitrator shall prepare in writing and provide to each Party a decision setting forth factual findings, legal analysis, and the reasons on which the Arbitrator's decision is based. The Arbitrator shall also have the authority to resolve claims or issues in advance of the arbitration hearing that would be appropriate for a California superior court judge to resolve in advance of trial. The Arbitrator shall not have the power to commit errors of law or fact, or to commit any abuse of discretion, that would constitute reversible error had the decision been rendered by a California superior court. The Arbitrator's decision may be vacated or corrected on appeal to a California court of competent jurisdiction for such error. Unless otherwise agreed to by the Parties, all proceedings before the Arbitrator shall be reported and transcribed by a certified court reporter, with each Party bearing one half of the court reporter's fees. *[IOU Comment: This provision will only apply to SCE Agreements.]*

10.4. <u>Dispute Resolution</u>. Mindful of the high costs of litigation, not only in dollars but time and energy as well, the Parties intend to and do hereby establish a final and binding out-of-court dispute resolution procedure to be followed in the event any controversy should arise out of or concerning the performance of the Agreement. Accordingly, it is agreed as follows:

- (a) <u>Negotiation</u>.
 - Except for disputes arising with respect to a Termination Payment, the (1i)Parties will attempt in good faith to resolve any controversy or claim arising out of or relating to this Agreement by prompt negotiations between each Party's Contract Representative, as identified on the Cover Sheet hereof, or such other person designated in writing as a representative of the Party ("Manager"). Either Manager may request a meeting (in person or telephonically) to initiate negotiations to be held within ten (10) Business Days of the other Party's receipt such request, at a mutually agreed time and place. If the matter is not resolved within 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, who shall 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 written notice confirming the referral and identifying the name and title of the Executive who will represent the Party.

- (2<u>ii</u>) Within 5 Business Days of the Referral Date the Executives shall establish a mutually acceptable location and date, which date shall not be greater than 30 calendar 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 the relevant information and to attempt to resolve the dispute.
- (3<u>iii</u>) 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.
- (4<u>iv</u>) If the matter is not resolved within 45 calendar days of the Referral Date, or if the Party receiving the written request to meet, pursuant to subpart (a) above, refuses or will not meet within 10 Business Days, either Party may initiate mediation of the controversy or claim according to the terms of the following Section 10.1(b).
- (5⊻) If a dispute exists with respect to the Termination Payment, and such dispute cannot be resolved by good faith negotiation of the Parties within 10 Business Days of the Non-Defaulting Party's receipt of the detailed basis for the explanation of the dispute then either Party may refer the matter directly to Arbitration, as set forth in Section 10.1(c) below.
- (b) Mediation. If the dispute (other than a dispute regarding the Termination Payment) cannot be resolved by negotiation as set forth in Section 10(a) above, then either Party may initiate mediation, the first-step of a two-step dispute resolution process, which JAMS, Inc., or its successor entity, a judicial arbitration and mediation service ("JAMS"). As the first step, the Parties agree to mediate any controversy before a commercial mediator from the JAMS panel, pursuant to JAMS's then-applicable commercial mediation rules, in San Francisco, California. Either Party may initiate such a mediation by serving a written demand for mediation. The mediator shall not have the authority to require, and neither Party may be compelled to engage in, any form of discovery prior to or in connection with the mediation. If within sixty (60) days after service of a written demand for mediation, or as extended by mutual agreement of the Parties, the mediation does not result in resolution of the dispute, then the Parties shall resolve such controversy through Arbitration by one retired judge or justice from the JAMS panel, which Arbitration shall take place in San Francisco, California, and which the arbitrator shall administer by and in accordance with JAMS's Commercial Arbitration Rules ("Arbitration"). If the Parties cannot mutually agree on the Arbitratorarbitrator who will adjudicate the dispute, then JAMS shall provide the Parties with an Arbitrator arbitrator pursuant to its then-applicable Commercial Arbitration Rules. The period commencing from the date of the written demand for mediation until the appointment of a mediator shall be included within the sixty (60) day mediation period. Any mediator(s) and arbitrator(s) 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. Either Party may initiate Arbitration by filing with the JAMS a notice of intent to arbitrate within sixty (60) days of service of the written demand for mediation.

- (c) <u>Arbitration</u>.
 - (4i) 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.
 - (2ii) The arbitrator, once chosen, shall consider any transaction tapes or any other evidence which the arbitrator deems necessary, as presented by each Party. In deciding the award, the provisions of this Agreement will be binding on the arbitrator. The arbitrator will deliver his or her decision in writing within 30 days after the conclusion of the arbitration<u>Arbitration</u> hearing. The arbitrator shall specify the basis for his or her decision, the basis for the damages award and a breakdown of the damages awarded, and the basis of any other remedy. Except as provided in the Federal Arbitration Act, the decision of the arbitrator will be binding on and non-appealable by the Parties. Each Party agrees that any arbitration award against it may be enforced in any court of competent jurisdiction and that any Party may authorize any such court to enter judgment on the arbitrator's decision.
 - (3<u>iii</u>) The arbitrator shall have no authority to award punitive or exemplary damages or any other damages other than direct and actual damages.
 - (4iv) Any expenses incurred in connection with hiring the arbitrators and performing the Arbitration shall be shared and paid equally between the Parties. Each Party shall bear and pay its own expenses incurred by each in connection with the Arbitration, unless otherwise included in a solution chosen by the Arbitration panel. In the event either Party must file a court action to enforce an arbitration award under this Article, the prevailing Party shall be entitled to recover its court costs and reasonable attorney fees.
 - $(5\underline{v})$ In the event the Parties choose to litigate any matter hereunder, the Parties hereby waive the right to jury trial.

(6vi) Except as may be required by Applicable Law, the existence, contents or results of any Arbitration hereunder may not be disclosed by a Party or the arbitrator without the prior written consent of both Parties.
 {IOU Comment: This provision only applies to PG&E and SDG&E Agreements. Throughout this Article 10, references to "San Francisco" will be changed to "San Diego" in SDG&E Agreements.]

10.2. 10.5. Provisional Relief

The Parties acknowledge and agree that irreparable damage would occur if certain provisions of this Agreement are not performed in accordance with the terms of this Agreement, that money damages would not be a sufficient remedy for any breach of these provisions of this Agreement, and that the Parties shall be entitled, without the requirement of posting a bond or other security, to seek a preliminary injunction, temporary restraining order, or other provisional relief as a remedy for a breach of Article 13 in any court of competent jurisdiction, notwithstanding the obligation to submit all other Disputes (including all claims for monetary damages under this Agreement) to arbitration pursuant to this Article 10. The Parties further acknowledge and agree that the results of the arbitration<u>Arbitration</u> may be rendered ineffectual without the provisional relief.

Such a request for provisional relief does not waive a Party's right to seek other remedies for the breach of the provisions specified above in accordance with Article 10, notwithstanding any prohibition against claim-splitting or other similar doctrine. The other remedies that may be sought include specific performance and injunctive or other equitable relief, plus any other remedy specified in this Agreement for the breach of the provision, or if the Agreement does not specify a remedy for the breach, all other remedies available at law or equity to the Parties for the breach.

ARTICLE 11. INDEMNIFICATION

11.1. Seller's Indemnification Obligations

- (a) In addition to any other indemnification obligations Seller may have elsewhere in this Agreement, which are hereby incorporated in this Section 11.1, Seller releases, and shall indemnify, defend and hold harmless Buyer, and Buyer's directors, officers, employees, agents, assigns, and successors in interest, from and against any and all loss, liability, damage, claim, cost, charge, demand, penalty, fine or expense of any kind or nature (including any direct, damage, claim, cost, charge, demand, or expense, and attorneys' fees (including cost of in-house counsel) and other costs of litigation, arbitration or mediation, and in the case of third-party claims only, indirect or consequential loss or damage of such third-party), arising out of or in connection with:
 - (i) any breach made by Seller of its representations, warranties and covenants in Article 7 or any payment disputes resulting from the use of a Joint Resource;

- (ii) Seller's failure to fulfill its obligations regarding Resource Adequacy Benefits as set forth in Article 3;
- (iii) any violation of Applicable Law arising out of or in connection with Seller's performance of, or failure to perform this Agreement;
- (iv) injury or death to persons, including Buyer employees, and physical damage to property, including Buyer property, where the damage arises out of, is related to, or is in connection with, Seller's obligations or performance under this Agreement.

This indemnity applies notwithstanding Buyer's active or passive negligence; *provided*, Buyer will not be indemnified for its loss, liability, damage, claim, cost, charge, demand or expense to the extent caused by its gross negligence or willful misconduct.

11.2. Indemnification Claims

All claims for indemnification by Buyer will be asserted and resolved as follows:

If a claim or demand for which Buyer may claim indemnity is asserted against or sought to be collected from Seller by a third party, Buyer shall as promptly as practicable give Notice to Seller; *provided*, failure to provide this Notice will relieve Seller only to the extent that the failure actually prejudices Seller.

- (a) Seller will have the right to control the defense and settlement of any claims in a manner not adverse to Buyer but cannot admit any liability or enter into any settlement without Buyer's approval.
- (b) Buyer may employ counsel at its own expense with respect to any claims or demands asserted or sought to be collected against it; *provided*, if counsel is employed due to a conflict of interest or because Seller does not assume control of the defense, Seller will bear the expense of this counsel.

ARTICLE 12. LIMITATION OF REMEDIES, LIABILITY, AND DAMAGES

EXCEPT AS SET FORTH HEREIN WITH RESPECT TO THE PRODUCT, THERE ARE NO WARRANTIES BY EITHER PARTY UNDER THIS AGREEMENT, INCLUDING ANY 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 WILL BE THE SOLE AND EXCLUSIVE REMEDY, THE OBLIGOR'S LIABILITY WILL 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.

SUBJECT TO SECTION 9.3, IF NO REMEDY OR MEASURE OF DAMAGES IS EXPRESSLY PROVIDED HEREIN, THE OBLIGOR'S LIABILITY WILL BE LIMITED TO DIRECT ACTUAL DAMAGES ONLY, SUCH DIRECT ACTUAL DAMAGES WILL BE THE SOLE AND EXCLUSIVE REMEDY AND ALL OTHER REMEDIES OR DAMAGES AT LAW OR IN EQUITY ARE WAIVED.

UNLESS EXPRESSLY PROVIDED IN THIS AGREEMENT, INCLUDING WITHOUT LIMITATION THE PROVISIONS OF ARTICLE 11 (INDEMNITY), NEITHER PARTY WILL 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.

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.

NOTHING IN THIS ARTICLE PREVENTS, OR IS INTENDED TO PREVENT BUYER FROM PROCEEDING AGAINST OR EXERCISING ITS RIGHTS WITH RESPECT TO ANY PERFORMANCE ASSURANCE.

ARTICLE 13. CONFIDENTIALITY

13.1. Confidentiality Obligation

Neither Party shall disclose the terms or conditions of this Agreement to a third party (other than the Party's or the Party's Affiliates' officers, directors, employees, lenders, counsel, accountants, advisors, or Rating Agencies, who have a need to know such information and have agreed to keep such terms confidential) except (a) in order to comply with any Applicable Law, summons, subpoena, exchange rule, or accounting disclosure rule or standard, or to make any showing required by any applicable Governmental Body other than as set forth in Sections 13.1(e) and (f); (b) to the extent necessary for the enforcement of this Agreement; (c) as may be obtained from a non-confidential source that disclosed such information in a manner that did not violate its obligations to the non-disclosing Party in making such disclosure; (d) to the extent such information is or becomes generally available to the public prior to such disclosure by a Party; (e) when required to be released in connection with any regulatory proceeding (provided that the releasing Party makes

reasonable efforts to obtain confidential treatment of the information being released); (f) with respect to Buyer, as may be furnished to its duly authorized Governmental Bodies, including without limitation the Commission and all divisions thereof, to Buyer's Procurement Review Group, a group of participants including members of the Commission and other governmental agencies and consumer groups established by the Commission in Commission decisions 02-08-071 and 03-06-071, and to Buyer's Cost Allocation Mechanism Group established by the CPUC in D.07-12-052, or (g) Seller may disclose the transfer of the Monthly Quantity under this Agreement to its SC in order for such SC to timely submit accurate Supply Plans. The existence of this Agreement is not subject to this confidentiality obligation; *provided*, neither Party shall make any public announcement relating to this Agreement unless required pursuant to subsection (a) or (e) of the foregoing sentence of this Article 13.

13.2. Obligation to Notify

In connection with discovery requests or orders pertaining confidential information in connection with this Agreement as referenced in Section 13.1(a) ("Disclosure Order") each Party shall, to the extent practicable, use reasonable efforts to:

- (a) Notify the other Party before disclosing the Confidential Information; and
- (b) Prevent or limit such disclosure.

After using such reasonable efforts, the Disclosing Party will not be:

- (c) Prohibited from complying with a Disclosure Order; or
- (d) Liable to the other Party for monetary or other damages incurred in connection with the disclosure of the Confidential Information.

13.3. Remedies; Survival

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. With respect to information provided in connection with this Agreement, this obligation shall survive for a period of three (3) years following the expiration or termination of this Agreement.

ARTICLE 14. 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 (the "Claiming Party") gives notice and details of the Force Majeure to the other Party as soon as practicable, then, unless the terms of the Product specify otherwise, the Claiming Party shall be excused from the performance of its obligations with respect to this Agreement (other than the obligation to make payments then due or becoming due with respect to performance prior to the Force Majeure). The Claiming Party shall remedy the Force Majeure with all reasonable dispatch. The non-Claiming Party shall not be required to perform or resume performance of its obligations to the Claiming Party corresponding to the obligations of the Claiming Party excused by Force Majeure.

ARTICLE 15. MISCELLANEOUS

15.1. General

- (a) 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.
- (b) The term "including," when used in this Agreement, shall be by way of example only and shall not be considered in any way to be in limitation.
- (c) The headings used herein are for convenience and reference purposes only.
- (d) Each Party agrees that it will not assert, or defend itself, on the basis that any applicable tariff is inconsistent with this Agreement.
- (e) Words having well-known technical or industry meanings have these meanings unless otherwise specifically defined in this Agreement.
- (f) Whenever this Agreement specifically refers to any Applicable Law, tariff, government department or agency, or Rating Agency, the Parties hereby agree that the reference also refers to any successor to such law, tariff or organization.
- (g) Nothing in this Agreement relieves either Party from, or modifies, any obligation or requirement that exists in any Applicable Law, tariff, rule, or regulation.
- (h) The Parties acknowledge and agree that this Agreement and the transactions contemplated by this Agreement constitute a "forward contract" within the meaning of the Bankruptcy Code and that Buyer and Seller are each "forward contract merchants" within the meaning of the Bankruptcy Code.

15.2. Governing Law and Venue

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 LAWS. EACH PARTY WAIVES ITS RESPECTIVE RIGHT TO ANY JURY TRIAL WITH RESPECT TO ANY DISPUTE ARISING UNDER OR IN CONNECTION WITH THIS AGREEMENT.

15.3. Amendment

This Agreement can only be amended by a writing signed by both Parties.

15.4. Assignment

Neither Party shall assign this Agreement or its rights hereunder, as the case may be, without the prior written consent of the other Party, which consent may not be unreasonably withheld; *provided*, either Party may, without the consent of the other Party (and without relieving itself from liability hereunder), (i) transfer, sell, pledge, encumber or assign this Agreement or the accounts, revenues or proceeds hereof or thereof, as the case may be, in connection with any financing or other financial arrangements to any person or entity whose creditworthiness is equal to or higher than that of such Party, (ii) transfer or assign this Agreement to an Affiliate of such Party, which Affiliate's creditworthiness is equal to or higher than that of such Party, or (iii) transfer or assign this Agreement to any person or entity succeeding to all or substantially all of the assets of such Party and whose creditworthiness is equal to or higher than that of such Party; *provided*, in each such case, any such assignee shall agree in writing to be bound by the terms and conditions hereof and so long as the transferring Party delivers such tax and enforceability assurance as the non-transferring Party may reasonably request.

15.5. Successors and Assigns

This Agreement shall be binding upon and inure to the benefit of, the Parties and their respective successors and assigns. This Agreement is not intended to confer any rights or remedies upon any other persons other than the Parties.

15.6. Waiver

None of the provisions of this Agreement shall be considered waived by either Party unless the Party against whom such waiver is claimed gives the waiver in writing. The failure of either Party to insist in any one instance upon strict performance of any the provisions of this Agreement or to take advantage of any of its rights hereunder shall not be construed as a waiver of any such provisions or the relinquishments of such rights for the future but the same shall continue and remain in full force and effect. Waiver by either Party of any default of the other Party shall not be deemed a waiver of any other default.

15.7. No Agency

Except as otherwise provided explicitly herein, in performing their respective obligations under this Agreement, neither Party is acting, or is authorized to act, as the other Party's agent.

15.8. No Third-Party Beneficiaries

This Agreement shall not impart any rights enforceable by any third party (other than a permitted successor or assignee bound by this Agreement).

15.9. Entire Agreement

This Agreement, when fully executed, constitutes the entire agreement by and between the Parties as to the subject matter hereof, and supersedes all prior understandings, agreements

or representations by or between the Parties, written or oral, to the extent they have related in any way to the subject matter hereof. Each Party represents that, in entering into this Agreement, it has not relied upon any promise, inducement, representation, warranty, agreement or other statement not set forth in this Agreement.

15.10. Severability

If any term, section, provision or other part of this Agreement, or the application of any term, section, provision or other part of this Agreement, is held to be invalid, illegal or void by a court or regulatory agency of proper jurisdiction, all other terms, sections, provisions or other parts of this Agreement shall not be affected thereby but shall remain in force and effect unless a court or regulatory agency holds that the provisions are not separable from all other provisions of this Agreement.

15.11. Multiple Originals

This Agreement may be executed in multiple counterparts, each of which shall be deemed an original. Any signature page of this Agreement may be detached from any counterpart of this Agreement without impairing the legal effect of any of the signatures thereon, and may be attached to another counterpart of this Agreement identical in form hereto by having attached to it one or more signature pages.

15.12. Mobile Sierra

Notwithstanding any provision of this Agreement, neither Party shall seek, nor shall they support any third party seeking, to prospectively or retroactively revise the rates, terms or conditions of service of this Agreement through application or complaint to the FERC pursuant to the provisions of the Federal Power Act, absent prior written agreement of the Parties. Further, absent the prior written 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" standard of review set forth in *United States Gas Pipe Line Co. v. Mobile Gas Service Corp.*, *350 U.S. 332* (1956) and Federal Power Commission v. Sierra Pacific Power Co., *350 U.S. 348* (1956).

15.13. Performance Under this Agreement

Each Party and its representatives shall maintain records and supporting documentation relating to this Agreement, and the performance of the Parties hereunder in accordance with, and for the applicable time periods required by, all Applicable Laws.

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IN WITNESS WHEREOF, the Parties have caused this Agreement to be duly executed as of the Execution Date.

PACIFIC GAS AND ELECTRIC COMPANY	[SELLER]
By:	By:
Name:	Name:
Title:	Title:
Date:	Date:

EXHIBIT A

DEFINITIONS

As used in this Agreement, the following terms shall have the meanings set forth below:

"<u>Affiliate</u>" means, with respect to a Party, any entity that, directly or indirectly, through one or more intermediaries, controls, or is controlled by, or is under common control with that Party. For this purpose, "control" of any entity or person means ownership of a majority of the voting power of the entity or person.

{IOU Comment: This definition only applies to SCE & SDG&E Agreements.}

"<u>Affiliate</u>" means with respect to a Party, any entity which directly or indirectly controls, is controlled by, or is under a common control with that Party For purposes of this definition, "control" (including, with correlative meaning, the terms "controlling", "controlled by" and "under common control with"), shall mean the possession, directly or indirectly, of the power to direct or cause the direction of the management or policies through the ownership of voting securities, by agreement or otherwise.

[IOU Comment: This definition only applies to PG&E Agreements.]

"<u>Agreement</u>" hast the meaning in the Preamble.

"<u>Applicable Laws</u>" means all constitutions, treaties, laws, ordinances, rules, regulations, interpretations, permits, judgments, decrees, injunctions, writs and orders of any Governmental Body that apply to either or both of the Parties, the DRP, the PDR or the terms of this Agreement.

"Arbitrator Arbitration" has the meaning set forth in Article 10. Section 10.1(b).

"<u>Audit Notice</u>" has the meaning set forth in Section 1.6(bg).

"<u>Automated Demand Response</u>" or "<u>ADR</u>" is Buyer's demand response program offering Customers an incentive to install automated communication equipment and associated software that enhances their ability to reduce load during Buyer's demand response program events. For purposes ADR, Seller's participation in the CAISO Markets pursuant to this Agreement is a Buyer demand response program, pursuant to the September 24, 2015 disposition letter from Commission staff. The CPUC approved the ADR programs by Decision 12-04-045 and Decision 14-05-025.

"<u>Automated Demand Response Customer</u>" or "<u>ADR Customer</u>" is a Non-Residential Customer that has installed the ADR equipment under Buyer's ADR and received, at minimum, approval from Buyer that it has been approved for its first (60%) incentive payment.

"<u>Award</u>" has the meaning set forth in Section 6.6(a).

"<u>Back-up Generation</u>" means fossil-fueled back-up generation owned or used by a Customer including but not limited to the following: (i) distributed generation technologies using diesel, natural gas, gasoline, propane or liquefied petroleum gas, whether or not in a combined heat and power configuration. Back-up Generation does not include energy storage systems; provided such

energy storage systems meet the greenhouse gas emission factor thresholds in effect from time to time under the CPUC's Self-Generation Incentive Program.

"<u>Bankrupt</u>" means with respect to any entity, such entity (i) 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, or has any such petition filed or commenced against it, (ii) makes an assignment or any general arrangement for the benefit of creditors, (iii) otherwise becomes bankrupt or insolvent (however evidenced), (iv) 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 (v) is generally unable to pay its debts as they fall due.

"<u>Bankruptcy Code</u>" means the United States Bankruptcy Code (11 U.S.C. §101 *et seq.*), as amended, and any successor statute.

["<u>Big Creek/Ventura LCA Substations</u>" means the following substations located in the CAISO area: ACTON SC, ANAVERDE, BIG CRK1, DEL SUR, FRAZPARK, GOLETA, GORMAN, GREATLKS, HELIJET, LANCSTR, LANPRI, LITTLERK, MOORPARK, NEENACH, OASIS SC, OSO, PALMDALE, PIUTE, PSTRIA, PURIFY, QUARTZHL, RECTOR, REDMAN, RITE AID, RITTER, ROCKAIR, ROSAMOND, S.CLARA, SAUGUS, SHUTTLE, SPRINGVL, TORTOISE, VESTAL, WESTPAC, and WILSONA]*[SCE only]*.

"Bid" shall have the meaning in the CAISO Tariff.

"<u>Bundled Service Customer</u>" means a customer of Buyer as a utility distribution company who takes bundled services from Buyer as a utility distribution company including having all its power requirements purchased by Buyer.

"<u>Business Day</u>" means a day that is not a Saturday, Sunday, a Federal Reserve Bank holiday, or the Friday immediately following the U.S. Thanksgiving holiday. A Business Day shall open at 8:00 a.m. and close at 5:00 p.m. local time for the relevant Party's principal place of business. 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.

"<u>Buyer</u>" has the meaning set forth in the preamble.

"<u>CAISO</u>" means the California Independent System Operator or any successor entity performing the same functions.

"CAISO Markets" has the meaning set forth in the CAISO Tariff.

"<u>CAISO Tariff</u>" means the tariff and protocol provisions, including any current CAISO-published "Operating Procedures" and "Business Practice Manuals," as amended or supplemented from time to time, of the CAISO.

"<u>Capacity Baseline</u>" means the CAISO baseline as applicable to the PDR(s) or RDRR(s) in the DRAM Resource, as specified in the CAISO Tariff.

"Capacity Procurement Mechanism" has the meaning set forth in the CAISO Tariff.

"Cash" means U.S. Dollars held by or on behalf of Buyer as Performance Assurance hereunder.

"<u>Cash Interest Rate</u>" means the Federal Funds Effective Rate – the rate for that day opposite the caption "Federal Funds (Effective)" as set forth in the weekly statistical release designated as H.15 (519), or any successor publication, published by the Board of Governors of the Federal Reserve System.

[IOU Comment: This definition only applies to SCE & SDG&E Agreements.]

"<u>Cash Interest Rate</u>" means the Federal Funds Effective Rate - the rate per annum equal to the "Monthly" Federal Funds Rate (as reset on a monthly basis based on the latest month for which such rate is available) as reported in Federal Reserve Bank Publication H.15-519, or its successor publication.

[IOU Comment: This definition only applies to PG&E Agreements.]

"Claiming Party" has the meaning set forth in Article 14.

"<u>Commission</u>" or "<u>CPUC</u>" means the California Public Utilities Commission, and all divisions thereof, or any successor thereto.

"<u>Compliance Showings</u>" means the (i) RAR compliance or advisory showings (or similar or successor showings), in each case, an LSE is required to make to the CPUC (and, to the extent authorized by the CPUC, to the CAISO) pursuant to the CPUC Decisions, to the CAISO pursuant to the CAISO Tariff, or to any Governmental Body having jurisdiction.

"<u>Contract Price</u>" means the price for each type of Product as specified in Exhibit E for each Showing Month.

"CPM Capacity" has the meaning set forth in the Tariff.

"<u>CPUC Approval</u>" means a decision of the CPUC that (i) is final and no longer subject to appeal, which approves the Agreement in full and in the form presented on terms and conditions acceptable to both Parties, including without limitation terms and conditions related to cost recovery and cost allocation of amounts paid to Seller under the Agreement; (ii) does not contain conditions or modifications unacceptable to both Parties; and (iii) finds that any procurement pursuant to this Agreement satisfies the requirement to procure preferred resources under Commission Decision 13-02-015.

"<u>CPUC Decisions</u>" means Commission Decisions 04-01-050, 04-10-035, 05-10-042, 06-04-040, 06-06-031, 06-06-064, 06-07-031, 07-06-029, 08-06-031, 09-06-028, 09-12-053, 10-06-036, 10-12-038, 11-06-022, 11-10-003, 12-06-025, 13-02-006, 13-04-013, 13-06-024, 14-03-026, 14-06-050, 14-12-024, 15-02-007, 15-06-063, and any other existing or subsequent decisions, resolutions, or rulings related to resource adequacy, including, without limitation, the CPUC Filing Guide, in each case as may be amended from time to time by the CPUC.

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"<u>CPUC Filing Guide</u>" is the <u>20152016</u> annual document issued by the Commission which sets forth the guidelines, requirements and instructions for LSE's to demonstrate compliance with the Commission's resource adequacy program.

"<u>Credit Rating</u>" 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) or if such entity does not have a rating for its senior unsecured long-term debt, then the rating then assigned to such entity as an issuer rating by the Ratings Agencies. *[IOU Comment: This definition only applies to SCE & SDG&E Agreements.]*

"<u>Credit Rating</u>" means, with respect to any entity, (a) the rating then assigned to such entity's unsecured senior long-term debt obligations (not supported by third party credit enhancements), or (b) if such entity does not have a rating for its unsecured senior long-term debt obligations, then the rating assigned to such entity as an issuer rating by S&P and/or Moody's. If the entity is rated by both S&P and Moody's and such ratings are not equivalent, the lower of the two ratings shall determine the Credit Rating. If the entity is rated by either S&P or Moody's, but not both, then the available rating shall determine the Credit Rating.

[IOU Comment: This definition only applies to PG&E Agreements.]

"<u>Customer</u>" means a person or entity that is either a: (i) Bundled Service Customer; (ii) community choice aggregation customer or direct access customer who would otherwise be eligible to be a Bundled Service Customer; or (iii) Unbundled Service Customer.

"Customer Data Access Systems" has the meaning described in CPUC Decision 13-09-025.

"Day-Ahead Market" has the meaning set forth in the CAISO Tariff.

"Day-Ahead Schedule" has the meaning set forth in the CAISO Tariff.

"Defaulting Party" has the meaning set forth in Section 9.1.

"<u>Delivered Capacity Payment</u>" has the meaning described in and is calculated pursuant to Section 4.1.

"Delivery Period" has the meaning set forth in Section 1.3.

"Demand Response Provider" or "DRP" has the meaning in the CAISO Tariff.

"Demonstrated Capacity" has the meaning set forth in Section 1.6(a).

"<u>Dispatch</u>" means the act of reducing all or a portion of the electrical consumption of the PDR pursuant to a Dispatch Instruction.

"Dispatch Instruction" has the meaning in the CAISO Tariff.

"<u>Dispute</u>" means any and all disputes, claims or controversies arising out of, relating to, concerning or pertaining to the terms of this Agreement, or to either Party's performance or failure of performance under this Agreement.

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"<u>Diverse Business Enterprises</u>" or "<u>DBE</u>" means Women, Minority, Disabled Veteran (WMDV) and Lesbian, Gay, Bisexual and Transgender (LGBT) Business Enterprises as defined in CPUC General Order 156.

"<u>DRAM II Pilot Program</u>" means the program during 2017 for the Product as described in CPUC D.14-03-026 and D.14-12-024.

"<u>DRAM Resource</u>" means the PDR(s) or RDRR(s) that Seller identifies pursuant to Section 1.4 that will provide Product to Buyer.

"<u>DRAM Resource Customer</u>" is a Bundled Service Customer and/or Unbundled Service Customer account at the Service Account Identification level that is included in the DRAM Resource.

"<u>Early Termination Date</u>" has the meaning set forth in Section 9.2(a).

"EFC" shall mean Effective Flexible Capacity as defined in the CAISO Tariff.

"Event of Default" has the meaning set forth in Section 9.1.

"<u>Execution Date</u>" has the meaning set forth in the preamble.

"FERC" means the Federal Energy Regulatory Commission, or any division thereof.

"<u>Financial Consolidation Requirement</u>" has the meaning set forth in Section 5.7(a). [IOU Comment: This definition only applies to SCE Agreements.]

"<u>Fitch</u>" means Fitch Ratings Ltd. or its successor. *[IOU Comment: This definition only applies to SCE & SDG&E Agreements.]*

"<u>Flexible Capacity</u>" means any and all flexible resource adequacy attributes associated with the PDR(s) or RDRRs designated by Seller pursuant to Section 1.4, as such attributes may be identified from time to time by the CPUC, CAISO, or other Governmental Body having jurisdiction, that can be counted toward Flexible RAR, and which may be (i) exclusive of Local Capacity and (ii) be in Flexible Category 2 or 3 as described in the CAISO Tariff.

"<u>Flexible RAR</u>" means the flexible resource adequacy requirements established for LSEs by the CPUC pursuant to the CPUC Decisions, or by any other Governmental Body having jurisdiction.

"<u>Force Majeure</u>" means an event or circumstance which prevents one Party from performing its obligations under this Agreement, which event or circumstance was not anticipated as of the Execution Date, which is not within the reasonable control of, or the result of the negligence of, the Claiming Party, and which, by the exercise of due diligence, the Claiming Party is unable to overcome or avoid or cause to be avoided. Force Majeure shall not be based on (i) the loss of Buyer's markets; (ii) Buyer's inability economically to use or resell the Product purchased hereunder; (iii) the loss or failure of Seller's supply; (iv) Seller's ability to sell the Product at a greater price; (v) a failure of performance of any other entity that is not a Party, except to the extent that such failure was caused by an event that would otherwise qualify as a Force Majeure event; or

(vi) breakage or malfunction of equipment, except to the extent that such failure was caused by an event that would otherwise qualify as a Force Majeure event.

"<u>GAAP</u>" means United States generally accepted accounting principles as in effect from time to time, consistently applied.

[IOU Comment: This definition only applies to SCE Agreements.]

"<u>Governmental Body</u>" means any federal, state, local, municipal or other government; any governmental, regulatory or administrative agency, commission or other authority lawfully exercising or entitled to exercise any administrative, executive, judicial, legislative, police, regulatory or taxing authority or power; and any court or governmental tribunal.

"<u>IFRS</u>" means the International Financial Reporting Standards. [IOU Comment: This definition only applies to SCE Agreements.]

"<u>Interest Amount</u>" means with respect to a Party and an Interest Period, the sum of the daily interest amounts for all days in such Interest Period; each daily interest amount to be determined by such Party as follows: (i) the amount of Cash held by such Party on that day; multiplied by (ii) the Cash Interest Rate for that day, divided by (iii) 360.

"<u>Interest Period</u>" means the period from (and including) the last Business Day on which an Interest Amount was Transferred by a Party (or if no Interest Amount has yet been Transferred by such Party, the Business Day on which Cash was Transferred to such Party) to (but excluding) the Business Day on which the current Interest Amount is to be Transferred.

"JAMS" has the meaning set forth in Article 10.

"Joint Resource" means respectively a PDR or RDRR which includes DRAM Resource Customers registered by the Seller (or its DRP) and other customers registered by another aggregator (or its DRP) who are not considered part of the respective PDR or RDRR for purposes of meeting Seller's obligations under this Agreement.

["<u>LA Basin LCA Substations</u>" means the following substations located in the CAISO area: ALMITOSW, AMERON, BANNING, BARRE, BOTTLE, CABAZON, CARODEAN, CENTER, CHEVMAIN, CHINO, CONCHO, DELAMO, DEVERS, EAGLROCK, EISENHOW, EL CASCO, EL NIDO, ELLIS, ETIWANDA, FARREL, GARNET, GOODRICH, GOULD, HI DESER, HINSON, IEEC-G1, IEEC-G2, INDIAN W, JOHANNA, LA FRESA, LAGUBELL, LCIENEGA, LITEHIPE, LTHRNECK, LWIS ANM, MARASCHI, MESA CAL, MIRALOMA, OLINDA, PADUA, RIOHONDO, SANBRDNO, SANTA RO, SANTIAGO, SONG2XR1, SONG2XR2, SONG2XU1, SONG2XU2, SONG3XR1, SONG3XR2, SONG3XU1, SONG3XU2, TAMARISK, THORNHIL, VALLEY-S, VALLEYSC, VIEJO66, VILLA PK, VSTA, WALNUT, WINTEC8, WINTECX1, WINTECX2, YUCCA, and ZANJA.] [For SCE Agreements only]

"<u>LCA Customers</u>" means a Customer that either (i) directly takes or receives electricity services from Buyer's LCA or (ii) directly takes or receives electricity services from a lower voltage substation that electrically connects to Buyer's LCA.

"Letter of Credit" means an irrevocable, nontransferable standby letter of credit, substantially in the form of Exhibit B and acceptable to Buyer, provided by Seller from an issuer acceptable to Buyer that is either a U.S. financial institution or a U.S. commercial bank or a U.S. branch of a foreign bank with such financial institution or the bank (i) having a Credit Rating of at least (a) Credit Ratings of at least "A-" by S&P, "A-" by Fitch and "A3" by Moody's, if such entity is rated by the Ratings Agencies; (b) if such entity is rated by only two of the three Ratings Agencies, a Credit Rating from two of the three Ratings Agencies of at least "A " by S&P, if such entity is rated by S&P, "A " by Fitch, if such entity is rated by Fitch, and "A3" by Moody's, if such entity is rated by Moody's; or (c) a Credit Rating of at least "A " by S&P or "A3" by Moody's, or "A-" by Fitch if such entity is rated by only one Ratings Agency; and (ii) having shareholder equity (determined in accordance with generally accepted accounting principles) of at least \$1,000,000,000.00 (ONE BILLION AND 00/100 DOLLARS). Costs of a Letter of Credit shall be borne by the applicant for such Letter of Credit. *(HOU Comment: This definition only applies to SCE & SDG&E Agreements.]*

"<u>Letter of Credit</u>" means an irrevocable, non-transferable standby letter of credit, the form of which must be substantially as contained in <u>Schedule 1</u><u>Exhibit B</u> attached hereto; provided that, the issuer must be a Qualified Institution.

(IOU Comment: This definition only applies to PG&E Agreements.)

"Letter of Credit Default" means with respect to a Letter of Credit, the occurrence of any of the following events: (i) the issuer of such Letter of Credit shall fail to maintain a Credit Rating of at least (A) "A " by S&P, "A " by Fitch, and "A3" by Moody's, if such issuer is rated by the Ratings Agencies, (B)"A " by S&P, "A " by Fitch or "A3" by Moody's if such issuer is rated by only two of the Ratings Agencies, or (C) "A " by S&P, "A " by Fitch, or "A3" by Moody's, if such issuer is rated by only two of the Ratings Agencies, or (C) "A " by S&P, "A " by Fitch, or "A3" by Moody's, if such issuer is rated by only one Ratings Agency; (ii) the issuer of the Letter of Credit shall fail to comply with or perform its obligations under such Letter of Credit; (iii) the issuer of such Letter of Credit shall disaffirm, disclaim, repudiate or reject, in whole or in part, or challenge the validity of, such Letter of Credit; (iv) such Letter of Credit shall expire or terminate, or shall fail or cease to be in full force and effect at any time during the Term of the Agreement, in any such case without replacement; or (v) the issuer of such Letter of Credit shall become Bankrupt; *provided*, no Letter of Credit Default shall occur or be continuing in any event with respect to a Letter of Credit after the time such Letter of Credit is required to be canceled or returned to a Party in accordance with the terms of this Agreement.

{IOU Comment: This definition only applies to SCE & SDG&E Agreements.}

"Letter of Credit Default" means with respect to a Letter of Credit, the occurrence of any of the following events: (a) the issuer of such Letter of Credit shall fail to maintain a Credit Rating of at least (i) "A"-, with a stable outlook designation from S&P and A3, with a stable outlook designation from Moody's, if such issuer is rated by both S&P and Moody's, (ii) "A-" by S&P with a stable outlook designation, if such issuer is rated only by S&P, or (iii) "A3" by Moody's with a stable outlook designation, if such issuer is rated only by Moody's; (b) the issuer of the Letter of Credit shall fail to comply with or perform its obligations under such Letter of Credit; (c) the issuer of such Letter of Credit shall disaffirm, disclaim, repudiate or reject, in whole or in part, or challenge the validity of, such Letter of Credit; (d) such Letter of Credit shall expire or terminate, or shall fail or cease to be in full force and effect at any time during the term of the

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Agreement, in any such case without replacement; or (e) the issuer of such Letter of Credit shall become Bankrupt; <u>provided</u>, <u>however</u>, that no Letter of Credit Default shall occur or be continuing in any event with respect to a Letter of Credit after the time such Letter of Credit is required to be canceled or returned to a Party in accordance with the terms of this Agreement. *[IOU Comment: This definition only applies to PG&E Agreements.]*

"Local Capacity" means any and all resource adequacy attributes or other locational attributes associated with the PDR(s) or RDRRs designated by Seller and comprised of LCA Customers pursuant to Section 1.4, from a Local Capacity Resource (as defined in CAISO Tariff) in Buyer's Local Capacity Area, as applicable and as such attributes may be identified from time to time by the CPUC, CAISO, or other Governmental Body having jurisdiction, that can be counted toward Local RAR, which may be exclusive of any Flexible Capacity, as applicable to the Product.

"Local Capacity Area" or "LCA" means [the areas where LCA Customers are electrically interconnected to any of the PG&E LCA Substations] [PG&E definition] [the areas where LCA Customers are electrically interconnected to any of the LA Basin LCA Substations and/or the Big Creek/Ventura LCA Substations.] [SCE definition].

"<u>Local RAR</u>" means the local resource adequacy requirements established for LSEs by the CPUC pursuant to the CPUC Decisions, or by any other Governmental Body having jurisdiction. Local RAR may also be known as local area reliability, local resource adequacy, local resource adequacy procurement requirements, or local capacity requirement in other regulatory proceedings or legislative actions.

"<u>LSE</u>" means load-serving entity.

"Mediator" has the meaning set forth in Section 10.2.

"<u>Merger Event</u>" means, with respect to a Party, that such Party consolidates or amalgamates with, merges into or with, or transfers substantially all its assets to another entity and (i) the resulting entity fails to assume all the obligations of such Party hereunder, or (ii) the resulting entity's creditworthiness is materially weaker than that of such Party immediately prior to such action. The creditworthiness of the resulting entity shall not be deemed to be 'materially weaker' so long as the resulting entity maintains a Credit Rating of at least that of the applicable Party, as the case may be, immediately prior to the consolidation, merger or transfer.

"<u>Monthly Quantity</u>" means the aggregate amount of all Product Monthly Quantities set forth in Exhibit E that Seller has agreed to provide to Buyer from the DRAM Resource for each day of the respective Showing Months for the respective types of Product.

"Moody's" means Moody's Investor Services, Inc. or its successor.

"<u>Must-Offer Obligation</u>" or "<u>MOO</u>" means Seller's obligation to Bid or cause Seller's SC to Bid the DRAM Resource into the CAISO Markets based on the type of Product and in accordance with the CAISO Tariff.

"NQC" shall mean Net Qualifying Capacity as defined in the CAISO Tariff.

"Notification Time" means the 10:00 a.m. Pacific Prevailing Time on a Business Day.

"<u>Non-Defaulting Party</u>" has the meaning set forth in Section 9.2.

"Notice" means notices, requests, statements or payments provided in accordance with Article 8.

"<u>Performance Assurance</u>" has the meaning set forth in Section 5.1(a). Performance Assurance must be in the form of Cash or Letter of Credit. Any Cash received and held by Buyer after drawing on any Letter of Credit will constitute Performance Assurance in the form of Cash.

["<u>PG&E LCA Substations</u>" means the substations located in Buyer's service territory as designated in <u>Schedule 1.1(b)EXHIBIT F</u> and corresponding to the following LCAs as designated on <u>Schedule 1.1(b)EXHIBIT F</u>: Kern, Stockton, Sierra, Other, North Coast/North Bay, Humboldt, Greater Fresno Area, and/or Greater Bay Area. <u>*JPG&E DefinitionJ*</u>

"<u>Potential Event of Default</u>" means an event which, with Notice or passage of time or both, would constitute an Event of Default.

"Procurement Review Group" has the meaning set forth in Article 13.

"<u>Product</u>" means any or all of System Capacity, Local Capacity and/or Flexible Capacity. The particular type of Product sold by Seller to Buyer under this Agreement is specified in Table 1.1(b).

"Proxy Demand Resource" or "PDR" has the meaning in the CAISO Tariff.

"<u>Product Monthly Quantity</u>" means the respective amount of each type of Product set forth in Exhibit E that Seller has agreed to provide to Buyer from the DRAM Resource for each day of the respective Showing Months.

"<u>Qualified Institution</u>" means either a U.S. commercial bank, or a U.S. branch of a foreign bank acceptable to Buyer in its sole discretion; and in each case such bank must have a Credit Rating of at least: (a) "A-, with a stable designation" from S&P and "A3, with a stable designation" from Moody's, if such bank is rated by both S&P and Moody's; or (b) "A-, with a stable designation" from S&P or "A3, with a stable designation" from Moody's, if such bank is rated by both S&P and Moody's, if such bank is rated by either S&P or Moody's, but not both, even if such bank was rated by both S&P and Moody's as of the date of issuance of the Letter of Credit but ceases to be rated by either, but not both of those Ratings Agencies.

(IOU Comment: This definition only applies to PG&E Agreements.)

"<u>RAR</u>" means the resource adequacy requirements established for LSEs by the Commission pursuant to the CPUC Decisions, the CAISO pursuant to the CAISO Tariff, or by any other Governmental Body having jurisdiction, or successor program requirements.

"Ratings Agency" means any of S&P, Moody's, and Fitch (collectively the 'Ratings Agencies').

"Reliability Demand Response Resource" or "RDRR" has the meaning in the CAISO Tariff.

"<u>Resource Adequacy Benefits</u>" has the meaning in the CPUC Decisions.

"<u>Resource ID</u>" has the meaning in the CAISO Tariff.

"<u>Residential Customer</u>" means a DRAM Resource Customer [which is a Single Family or Multi-Family Dwelling customer on a Domestic rate, including RV Parks, Residential Hotels, and Mobile Home Parks and includes electric vehicle charging for customers on Domestic Rate if separately metered, as such capitalized terms are defined in Rule 1] [For SCE] [which is a single family or multi family dwelling customer on SDG&E domestic rate schedule "DR", "DR TOU", "TOU DR", "DR SES", "DM", "DS", "DT", "DT RV", "EV TOU", or "EV TOU-2] [for SDG&E] [whose dwelling is single-family units, multi-family units, mobile homes, or other similar living establishments] [for PG&E].

"<u>Residential Customer Product</u>" means Product that is comprised solely of Residential Customers and Small Commercial Customers; *provided* that the percentage of Residential Customers in the PDR(s) constituting the DRAM Resource is equal to or greater than ninety percent (90%). Where multiple PDRs, or portions thereof, are used to meet Seller's Demonstrated Capacity obligations, the percentage requirements apply in the aggregate, based on the total number of PDR Customer service accounts in the DRAM Resource used to show Demonstrated Capacity.

"<u>Revenue Quality Meter Data</u>" means Interval Meter Data that has been validated, edited, and estimated in accordance with the Direct Access Standards for Metering and Meter Data as described in Rule 22.

"<u>Rule </u>⁴24/<u>327</u>" means Direct Participation Demand Response: <u>PG&E:</u> <u>https://www.pge.com/regulation/DemandResponseOIR/Other_Docs/Joint_PSS/2013/DemandResponseOIR_Other_Doc_Joint_PSS_20130204_262339Atch01_262340.pdf ; SCE:</u> <u>https://www.sce.com/NR/sc3/tm2/pdf/Rule_24.pdf ; SDG&E_ERule_32:</u> <u>http://regarchive.sdge.com/tm2/pdf/ELEC_ELEC-</u> <u>http://www.pge.com/includes/docs/pdfs/mybusiness/energysavingsrebates/demandresponse/dram</u> /<u>ELEC_RULES_ERULE32.pdf.24.pdf</u>

"<u>S&P</u>" means Standard & Poor's Financial Services LLC, or its successor.

"<u>SAID</u>" or "<u>Service Account Identification</u>" means a Buyer specific identifier or number for tracking energy service deliveries for a specific load through one or more meters at a customer premises or location as described in Rule 1.

"Scheduling Coordinator" or "SC" has the meaning set forth in the CAISO Tariff.

"<u>Seller</u>" has the meaning set forth in the preamble.

"<u>Settlement Amount</u>" means the sum of the estimated Delivered Capacity Payments for all of the remaining months of the Delivery Period, including the current month if not invoiced pursuant to Section 4.2, as of the Early Termination Date, with such estimated Delivered Capacity Payments being based on the sum of the applicable Product Monthly Quantity times the applicable Contract Price for each type of Product.

"<u>Shortfall Capacity</u>" means the amount of capacity with respect to the a Product Monthly Quantity for a type of Product for any portion of a Showing Month which was shown by Buyer in its Compliance Showing that CAISO determines requires outage replacement in accordance with Section 40.7 of the CAISO Tariff.

"<u>Showing Month</u>" shall be each day of each calendar month of the Delivery Period that is the subject of the Compliance Showing, as set forth in the CPUC Decisions and outlined in the CAISO Tariff. For illustrative purposes only, pursuant to the CAISO Tariff and CPUC Decisions in effect as of the Execution Date, the monthly Compliance Showing made in June is for the Showing Month of August.

"Small Commercial Customer" means a DRAM Resource Customer [which is a non-residential customers with monthly maximum demand of 20 kW or less, including agricultural/pumping customers (PA-1, PA-2, TOU PA-2 rates) and TOU EV3, service to electric charging facilities with monthly maximum demand of 20 kW or less. Excludes customers on rate schedules for fixed usage and unmetered service (Schedules LS-1, LS-2, OL-1, TC-1, Wi-Fi-1, and WTR)] [for SCE][that is on SDG&E commercial rate schedule "A", "A-TOU", or "TOU A"] [for SDG&E] [who: (1) has a maximum billing demand of 20 kW, or less, per meter during the most recent 12 month period, or (2) has an annual usage of 40,000 kWh, or less, during the most recent 12 month period.] [for PG&E].

"<u>Successor</u>" means any successor accounting practices to GAAP or IFRS. [IOU Comment: This definition only applies to SCE Agreements.]

"Supply Plan' has the meaning set forth in the CAISO Tariff.

"System Capacity" means system Resource Adequacy Benefits associated with the PDR(s) or RDRRs designated by Seller pursuant to Section 1.4, as such attributes may be identified from time to time by the CPUC, CAISO, or other Governmental Body having jurisdiction, that can be counted toward RAR, which may be exclusive of any Local Capacity and Flexible Capacity as indicated on Table 1.1(b).

"<u>Term</u>" has the meaning set forth in Section 1.2.

"<u>Termination Payment</u>" means the sum of all amounts owed by the Defaulting Party to the Non-Defaulting Party under this Agreement, which shall include the Settlement Amount, less any amounts owed by the Non-Defaulting Party to the Defaulting Party determined as of the Early Termination Date. If Buyer is the Non-Defaulting Party and reasonably expect to incur penalties, fines or costs from the CPUC, the CAISO, or any other Governmental Body, then Buyer may estimate the of those penalties or fines and include them in the Termination Payment amount. If the Seller is the Non-Defaulting Party, then Seller may include in the Termination Payment amount the expenses, actually incurred by Seller and not previously paid by Buyer as of the Early Termination Date for SC services with respect to the DRAM Resource and this Agreement, in an amount not to exceed the sum of the monthly SC service payments during the months of the Delivery Term.

"<u>Transfer</u>" means, with respect to any Performance Assurance or Interest Amount, and in accordance with the instructions of the Party entitled thereto: (i) in the case of Cash, payment or transfer by wire transfer into one or more bank accounts specified by the recipient; (ii) in the case of Letters of Credit, delivery of the Letter of Credit or an amendment thereto to the recipient.

"<u>Unbundled Service Customer</u>" means a retail customer of the Buyer acting as a utility distribution company, who takes and receives its electrical power requirements from a different Load Serving Entity that is not the Buyer, pursuant to CPUC Rule 22 Direct Access or Rule 23 Community Choice Service.

Letter of Credit [insert Letter of Credit No.] Page # of #

EXHIBIT B

Form of Letter of Credit

[For SCE and SDG&E]

IRREVOCABLE NONTRANSFERABLE STANDBY

LETTER OF CREDIT

Reference Number:

Transaction Date:

BENEFICIARY:

Southern California Edison Company 2244 Walnut Grove Avenue Risk Control GO#1, Quad 1D Rosemead, CA 91770

Ladies and Gentlemen:

Nontransferable Standby Letter of Credit ("Letter of Credit") in favor of Southern California Edison Company, a California corporation (the "Beneficiary"), for the account of ______, a ______, corporation (the "Applicant"), for the amount of XXX AND XX/100 Dollars (\$______) (the "Available Amount"), effective immediately and expiring at 5:00 p.m., California time, on ______ (the "Expiration Date").

This Letter of Credit shall be of no further force or effect upon the close of business on the Expiration Date or, if such day is not a Business Day (as hereinafter defined), on the next Business Day.

For the purposes hereof, "Business Day" shall mean any day on which commercial banks are not authorized or required to close in Los Angeles, California.

Subject to the terms and conditions herein, funds under this Letter of Credit are available to Beneficiary by presentation in compliance on or before 5:00 p.m. California time, on or before the Expiration Date of the following:

1. The original or a photocopy of this Letter of Credit and all amendments; and

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2. The Drawing Certificate issued in the form of Attachment A attached hereto and which forms an integral part hereof, duly completed and purportedly bearing the signature of an authorized representative of the Beneficiary.

Notwithstanding the foregoing, any full or partial drawing hereunder may be requested by transmitting the requisite documents as described above to the Bank by facsimile at ______ or such other number as specified from time-to-time by the Bank.

The facsimile transmittal shall be deemed delivered when received. Drawings made by facsimile transmittal are deemed to be the operative instrument without the need of originally signed documents.

Partial drawing of funds shall be permitted under this Letter of Credit, and this Letter of Credit shall remain in full force and effect with respect to any continuing balance; *provided*, the Available Amount shall be reduced by the amount of each such drawing.

This Letter of Credit is not transferable or assignable. Any purported transfer or assignment shall be void and of no force or effect.

Banking charges shall be the sole responsibility of the Applicant.

This Letter of Credit sets forth in full our obligations and such obligations shall not in any way be modified, amended, amplified or limited by reference to any documents, instruments or agreements referred to herein, except only the attachment referred to herein; and any such reference shall not be deemed to incorporate by reference any document, instrument or agreement except for such attachment.

The Bank engages with the Beneficiary that Beneficiary's drafts drawn under and in compliance with the terms of this Letter of Credit will be duly honored if presented to the Bank on or before the Expiration Date.

Except so far as otherwise stated, this Letter of Credit is subject to the International Standby Practices ISP98 (also known as ICC Publication No. 590), or revision currently in effect (the "ISP"). As to matters not covered by the ISP, the laws of the State of California, without regard to the principles of conflicts of laws thereunder, shall govern all matters with respect to this Letter of Credit.

AUTHORIZED SIGNATURE for Issuer

(Name)

Title:_____

Letter of Credit [insert Letter of Credit No.] Page # of #

ATTACHMENT A

TO [ISSUING BANK NAME]

IRREVOCABLE NON-TRANSFERABLE STANDBY LETTER OF CREDIT

No. _____

DRAWING CERTIFICATE

Bank

Bank Address

Subject:	Irrayocable Nor	transforable	Standby I	etter of Cred	lit
	Incrocable Non	i-transierable	Standby 1	Jetter of Cieu	m

Reference Number_____

The undersigned ______, an authorized representative of Southern California Edison Company (the "Beneficiary"), hereby certifies to *[Issuing Bank Name]* (the "Bank"), and _______ (the "Applicant"), with reference to Irrevocable Nontransferable Standby Letter of Credit No. {_____}, (the "Letter of Credit"), issued by the Bank in favor of the Beneficiary, as follows as of the date hereof:

[]A. An Event of Default , as defined in that certain Demand Response Resource Purchase Agreement between Applicant and Beneficiary, dated as of *[Date of Execution]* (the "Agreement") with respect to the Applicant has occurred and is continuing.

[]B. A Letter of Credit Default (as defined in the Agreement) has occurred and is continuing

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[]C. An Early Termination Date (as defined in the Agreement) has occurred or been designated as a result of an Event of Default (as defined in the Agreement) with respect to the Applicant for which there exist any unsatisfied payment obligations.

[]D. The Letter of Credit will expire in fewer than twenty (20) Business Days (as defined in the Agreement) from the date hereof, and Applicant has not provided Beneficiary alternative Performance Assurance (as defined in the Agreement) acceptable to Beneficiary.

[]E. The Bank or Applicant has heretofore provided written notice to the Beneficiary of the Bank's or Applicant's intent not to renew the Letter of Credit following the present Expiration Date thereof, and Applicant has failed to provide the Beneficiary with a replacement letter of credit satisfactory to Beneficiary in its sole discretion within thirty (30) days following the date of the notice of non-renewal.

[]F. The Beneficiary has not been paid any or all of the Applicant's payment obligations now due and payable under the Agreement.

- 2. Based upon the foregoing, the Beneficiary hereby makes demand under the Letter of Credit for payment of U.S. DOLLARS AND ____/100ths (U.S.\$_____), which amount does not exceed (i) the amount set forth in paragraph 1 above, and (ii) the Available Amount under the Letter of Credit as of the date hereof.
- 3. Funds paid pursuant to the provisions of the Letter of Credit shall be wire transferred to the Beneficiary in accordance with the following instructions:

Unless otherwise provided herein, capitalized terms which are used and not defined herein shall have the meaning given each such term in the Letter of Credit.

IN WITNESS WHEREOF, this Certificate has been duly executed and delivered on behalf of the Beneficiary by its authorized representative as of this _____ day of _____, ____.

Beneficiary: SOUTHERN CALIFORNIA EDISON COMPANY

By:

------Name:

EXHIBIT B

PG&E'S FORM OF LETTER OF CREDIT

Issuing Bank Letterhead and Address

STANDBY LETTER OF CREDIT NO. XXXXXXXX

Date: [insert issue date]

Beneficiary:

Applicant: [Insert name of Applicant and address]

Attention:

Letter of Credit Amount: [insert amount]

Expiry Date: [insert expiry date]

Ladies and Gentlemen:

By order of **[Insert name of Applicant]** ("Applicant"), we hereby issue in favor of **[Insert name of Beneficiary]** (the "Beneficiary") our irrevocable standby letter of credit No. **[Insert number of letter of credit]** ("Letter of Credit"), for the account of Applicant, for drawings up to but not to exceed the aggregate sum of U.S. \$ **[Insert amount in figures followed by (amount in words)]** ("Letter of Credit Amount"). This Letter of Credit is available with **[Insert name of bank, and the city and state in which it is located]** by sight payment, at our offices located at the address stated below, effective immediately. This Letter of Credit will expire at our close of business on **[Insert expiry date]** (the "Expiry Date").

Funds under this Letter of Credit are available to the Beneficiary against presentation of the following documents:

1. Beneficiary's signed and dated sight draft in the form of Annex A hereto, referencing this Letter of Credit No. **[Insert number]** and stating the amount of the demand; and

2. One of the following dated statements signed by an authorized representative or officer of Beneficiary:

A. "[Insert name of Beneficiary] (the "Beneficiary") is entitled to draw the amount of [Spell out the amount followed by (US\$xxxxxxxxx)], under Letter of Credit No. [Insert number] owed by [Insert name of Beneficiary's counterparty under the DRAM Resource Purchase Agreement] or its assignee to Beneficiary under or in connection with the [Insert identification]Demand Response Auction Mechanism Resource Purchase Agreement dated [Insert the Execution Date of the DRAM Resource Purchase] Agreement [between the Beneficiary and [Insert name of Beneficiary's counterparty under the DRAM Resource Purchase Agreement] or its assignee"

B. "Letter of Credit No. [Insert number] will expire in thirty (30) days or less and [Insert name of Beneficiary's counterparty under the DRAM Resource Purchase Agreement] or its assignee has not provided replacement Performance Assurance acceptable to [Insert name of Beneficiary] (the Beneficiary"), and the amount of [Spell out the amount followed by (US\$xxxxxxxxxx)] of the accompanying sight draft does not exceed the amount of Performance Assurance that [Insert name of Beneficiary's counterparty under

Letter of Credit [insert Letter of Credit No.] Page # of #

the DRAM Resource Purchase Agreement] or its assignee is required to transfer to the Beneficiary under the terms of the [Insert identificationDemand Response Auction Mechanism Resource Purchase Agreement dated [Insert the Execution Date of the DRAM Resource Purchase Agreement] between [Insert name of Beneficiary's counterparty under the DRAM Resource Purchase Agreement] and the Beneficiary.

Special Conditions:

- 1. Partial and multiple drawings under this Letter of Credit are allowed;
- 2. All banking charges associated with this Letter of Credit are for the account of the Applicant;
- 3. This Letter of Credit is not transferable; and
- 4. A drawing for an amount greater than the Letter of Credit Amount is allowed, however, payment shall not exceed the Letter of Credit Amount.

We engage with you that drafts drawn under and in compliance with the terms and conditions of this Letter of Credit will be duly honored upon presentation, if presented on or before the Expiry Date (or after the Expiry Date as provided below regarding events of Force Majeure), at **[Insert bank's address for drawings]**.

All demands for payment shall be made by presentation of copies or original documents, or by facsimile transmission of documents to **[Insert fax number or numbers]**, Attention: **[Insert name of bank's receiving department].** If a demand is made by facsimile transmission, the originals or copies of documents must follow by overnight mail, and you may contact us at **[Insert phone number(s)]** to confirm our receipt of the transmission. Your failure to seek such a telephone confirmation does not affect our obligation to honor such a presentation.

Our payments against complying presentations under this Letter of Credit will be made no later than on the sixth (6th) banking day following a complying presentation.

Except as stated herein, this Letter of Credit is not subject to any condition or qualification. It is our individual obligation, which is not contingent upon reimbursement and is not affected by any agreement, document, or instrument between us and the Applicant or between the Beneficiary and the Applicant or any other party.

Except as otherwise specifically stated herein, this Letter of Credit is subject to and governed by the *Uniform Customs* and *Practice for Documentary Credits, 2007 Revision,* International Chamber of Commerce (ICC) Publication No. 600 (the "UCP 600"); provided that, if this Letter of Credit expires during an interruption of our business as described in Article 36 of the UCP 600, we will honor drafts presented in compliance with this Letter of Credit <u>if presented</u> within thirty (30) days after the resumption of our business, and <u>we will</u> effect payment accordingly.

The law of the State of New York shall apply to any matters not covered by the UCP 600.

For telephone assistance regarding this Letter of Credit, please contact us at **[insert number and any other necessary details**].

Very truly yours,

[insert name of issuing bank]

By: ______Authorized Signature

Name: [print or type name]

Title: [print or type title]

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Letter of Credit [insert Letter of Credit No.] Page # of #

Annex A SIGHT DRAFT

TO [INSERT NAME AND ADDRESS OF PAYING BANK]

AMOUNT: \$_____ DATE: _____

AT SIGHT OF THIS DEMAND PAY TO THE ORDER OF [insert name of Beneficiary] THE AMOUNT OF U.S.\$_____U.S. DOLLARS)

DRAWN UNDER [INSERT NAME OF ISSUING BANK] LETTER OF CREDIT NO. XXXXXX.

REMIT FUNDS AS FOLLOWS:

[INSERT PAYMENT INSTRUCTIONS]

DRAWER

BY: _____ NAME AND TITLE

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EXHIBIT C-1

Form of Notice of Demonstrated Capacity

...

EXHIBIT C1 - Notice of Demonstrated Capacity (QC)

Demand Response Auction Mechanism (DRAM)

For use with System and Local Capacity Product

Showing Month:	
Seller	
Seller Contact Name:	
Seller Contact Phone:	
SCID:	

Total "Monthly Quantity"⁴ (MW): Total "Demonstrated Capacity" (MW): 0.00 MW

Residential Product (Yes / No):

Therefore: in Delivered Capacity Payment formula, "B" = 0.00 MW and "D" =

Local Capacity Area (LCA): (mark "n/a" if not a Local Capacity product)

PDRs and/or F DRAM R(ed Capacity" (M Instrated Capacity met		each Resource	Joint Resource Adjustment		Residential Product Delivery		oduct	Local Capacity Product Delivery				
CAISO Assigned PDR / RDRR Resource Name Resource ID NQC (MW)		Assigned NQC (MW)*	For each PDR / RDRR Resource (row), chose Capacity Test Maximum hourly load reduction during capacity test conducted by Seller's SC during Showing Month		se <u>one</u> demonstration method (column) to er <u>Must Offer Obligation (MOO)</u> A verage capacity amount Seller bid into CAISO during Showing Month		Dispatch Results Maximum hourly load reduction resulting from Dispatch during Showing Month		Complete for all resources <u>MW Claimed</u> Specify the MW portion used to meet the contract obbligation		Customer Product			required if delivering Local Capacity Product	
		0.00 MW	Raw Demonstrated Capacity	Lesser of Assigned NQC or Raw Demonstrated Capacity	Raw Demonstrated Capacity	Lesser of Assigned NQC or Raw Demonstrated Capacity	Raw Demonstrated Capacity	Lesser of Assigned NQC or Raw Demonstrated Capacity	Joint Resource? (Yes/No)	MW Claimed	Total Service Accounts**	Residential Customer Service Accounts**	Small Business Customer Service Accounts**	Total Service Accounts**	Customer Service Accounts within specified LCA**
				0.00 MW		0.00 MW		0.00 MW							
				0.00 MW		0.00 MW		0.00 MW							
				0.00 MW		0.00 MW		0.00 MW							
				0.00 MW 0.00 MW		0.00 MW 0.00 MW		0.00 MW 0.00 MW							
				0.00 MW		0.00 MW		0.00 MW							+
				0.00 MW		0.00 MW		0.00 MW							<u> </u>
				0.00 MW		0.00 MW		0.00 MW							<u> </u>
				0.00 MW		0.00 MW		0.00 MW							
				0.00 MW		0.00 MW		0.00 MW							
				0.00 MW		0.00 MW		0.00 MW							
				0.00 MW		0.00 MW		0.00 MW							
				0.00 MW		0.00 MW		0.00 MW							
				0.00 MW		0.00 MW		0.00 MW							
				0.00 MW	-	0.00 MW	1	0.00 MW							
1	Demonstrated	Capacity ===>		0.00 MW		0.00 MVV		0.00 MW		0.00 MW	0	0	0	0	0
in Exhibit E. * In case of a Joint Resource,	 "Monthly Quantity" is from the quantity & pricing Table in Exhibit E. In case of a Joint Resource, report full PDR / RDRR 		1) Each capacity test must be at least two (2) consecutive hours long		1) Must be bid into the Day-Ahead Market		that the PDR/ reduction in a	EDispatch requires RDRR provided load applicable hours of hispatch Instructions.	d not Joint Resources, MW of Claimed = MW Demostrate		Bernant Basidantial Assault			ts Percent Local Accounts	
** If using a Joint Resource, re	IQC here. * If using a Joint Resource, report Service Account nformation (count) only for the portion used.			2) Should be calculated using the PDR / RDRR Capacity Baseline		2) Only include bids submitted in compliance with the MOO hours		2) Should be calculated using the PDR / RDRR Capacity Baseline		sources, MW portion of MW Instrated					

The information provided by Seller in this Notice of Demonstrated Capacity is required by Section 1.6 of the DRAM Resource Purchase Agreement with <insert IOU name>.

EXHIBIT C-2

Form of Notice of Demonstrated Capacity

...

EXHIBIT C2 - Notice of Demonstrated Capacity (EFC)

For use with Flexible Capacity Product

•• Showing Month: Seller: ______Seller Contact Name: _____ Seller Contact Phone: SCID: Local Capacity Area (LCA): ______(mark "n/a" if not a Local Capacity product) Demand Response Auction Mechanism (DRAM)

....

Total "Monthly Quantity" (MW): _____ Total "Demonstrated Capacity" (MW): 0.00 MW Residential Product (Yes / No): Therefore: in Delivered Capacity Payment formula, "B" = 0.00 MW and "D" =

PDRs in the DRAM Resource				" Demonstrated Capacity " (MW) It is Seller's sole discretion as to which Demonstrated Capacity method is used for each Resource							Joint Resource Adjustment		Residential Product Delivery		Local Capacity Product Delivery	
		Flexible Category (1, 2, or 3)	For each PDR Resource (row), chose on Capacity Test Average hourly load reduction during capacity test conducted by Seller's SC during Showing Month		<u>me</u> demonstration method (column) to estab <u>Must Offer Obligation (MOO)</u> Average capacity amount Seller bid into CAISO during Showing Month		bilish monthly Demonstrated Capacity <u>Dispatch Results</u> Average hourly load reduction resulting from Dispatch during Showing Month		Complete for all resources <u>MW Claimed</u> Specify the MW portion used to meet the contract obbligation		Customer Product		required if dential	Local Capacity Product This section is only required if delivering Local Capacity Product		
		0.00 MW	(.,_, ., ., .,	Raw Demonstrated Capacity	Lesser of Assigned EFC or Raw Demonstrated Capacity	Raw Demonstrated Capacity	Lesser of Assigned EFC or Raw Demonstrated Capacity	Raw Demonstrated Capacity	Lesser of Assigned EFC or Raw Demonstrated Capacity	Joint Resource? (Yes/No)	MW Claimed	Total Service Accounts**	Residential Customer Service Accounts**	Small Business Customer Service Accounts**	Total Service Accounts**	Customer Service Accounts within specified LCA**
					0.00 MW		0.00 MW		0.00 MW							
					0.00 MW		0.00 MW		0.00 MW							[
					0.00 MW		0.00 MW		0.00 MW				I	1		
					0.00 MW		0.00 MW		0.00 MW							<u> </u>
					0.00 MW		0.00 MW		0.00 MW							4
					0.00 MW		0.00 MW		0.00 MW				I	+		4]
					0.00 MW		0.00 MW		0.00 MW				:	<u> </u>		<u>}</u>
					0.00 MW		0.00 MW		0.00 MW							
					0.00 MW		0.00 MW		0.00 MW					+		4
					0.00 MW		0.00 MW		0.00 MW							}
					0.00 MW		0.00 MW		0.00 MW							
					0.00 MW		0.00 MW		0.00 MW				 	+		────
					0.00 MW		0.00 MW		0.00 MW							<u>}</u>
					0.00 MW 0.00 MW		0.00 MW 0.00 MW		0.00 MW 0.00 MW			<u> </u>	I	1		┥───┤
	Demo	nstrated Cap	acity ===>		0.00 MW		0.00 MW		0.00 MW		0.00 MW	0	0	0	0	0
Exhibit E. * In case of a Joint Resource	^a "Monthly Quantity" is from the quantity & pricing Table in Exhibit E. * In case of a Joint Resource, report full PDR EFC here.			, be a	1) Each capacity test must be at least two (2) consecutive hours long		be bid into the ad and Real-Time Market	that the Pl reduction in a	e Dispatch requires DR provided load II applicable hours of Dispatch Instructions	Resources, MW Claimed = MW Demostrated (Column		= Porcont Posidential Accounts		l Accounts	nts Percent Local Accounts	
5	If using a Joint Resource, report Service Account information bunt) only for the portion used.				calculated using the bacity Baseline		le bids submitted in with the MOO hours		calculated using the apacity Baseline	For Joint PDRs, MW Claimed is a portion of MW Demonstrated						

The information provided by Seller in this Notice of Demonstrated Capacity is required by Section 1.6 of the DRAM Resource Purchase Agreement with <insert IOU name>.

EXHIBIT D

Form of Notice of Showing Month Supply Plan

	Contact Information					Supply Plan Information for Resources under DRAM Purchase Agreement to [insert IOU name]										
											If Joint F	tesource				
Contact Person	Phone Number	Email	Seller (or Seller's agent) SCID	Resource ID in CAISO Master File	System RA Capacity (QC) (MW 00.00 No rounding)	(MW 0	apacity (Q.C) 10.00 No nding)	Flex RA Capacity (EFC) (MVV 00.00 No rounding)	Flex RA Category (1, 2, or 3)	System RA Capacity used for Contract (MVV 00.00)	for Cont	pacity used ract (MW .00)	Flex RA Capacity used for Contract (MW 00.00)	RA Capacity Effective Start Date (mm/dd/yyyy hh: mm:ss)	RA Capacity Effective End Date (mm/dd/yyyy hh: mm:ss)	SCID of Loa Serving Ent
	39 2					LCA1	LCA2		26		LCA1	LCA2				
		2				-	-									
	-						-				-					
	-						-									
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							1									
						-										

The information provided by Seller in this monthly Supply Plan template is required by Section 1.4 of the DRAM Resource Purchase Agree [Relevant IOU LCA's to be inserted in final form]

EXHIBIT E PRODUCT MONTHLY QUANTITY AND CORRESPONDING CONTRACT PRICE

2017 Showing	Product [INSERT]										
Showing Month	Monthly Quantity (kW for each day of Showing Month)	Contract Price (\$/kW-Month)									
January											
February											
March											
April											
Мау											
June											
July											
August											
September											
October											
November											
December											

[Parties to complete one chart for each type of Product indicated in Table 1.1(b) and accepted bid information.]

TABLE 1.1(b)EXHIBIT F [For PG&E Agreements only]PG&E LCA SUBSTATIONS

Local Capacity Area	Substation_cd	Substation Description
Greater Bay Area		1201 OAKLAND_C
Greater Bay Area		1202 CLAYTON
Greater Bay Area		1204 OAKLAND_D
Greater Bay Area		1206 BERKELEY_F
Greater Bay Area		1208 OAKLAND_I
Greater Bay Area		1209 OAKLAND_J
Greater Bay Area		1210 OAKLAND_K
Greater Bay Area		1211 OAKLAND_L
Greater Bay Area		1213 ANTIOCH
Greater Bay Area		1214 LIVERMORE
Greater Bay Area		1216 PITTSBURG
Greater Bay Area		1220 WALNUT_CREEK
Greater Bay Area		1222 NEWARK
Greater Bay Area		1224 HAYWARD_O
Greater Bay Area		1233 MIRA_VISTA
Greater Bay Area		1235 ORINDA
Greater Bay Area		1243 ALTAMONT
Greater Bay Area		1250 EL_CERRITO_G
Greater Bay Area		1252 RICHMOND_Q
Greater Bay Area		1254 OAKLAND_X
Greater Bay Area		1260 OAK
Greater Bay Area		1264 BECK_STREET
Greater Bay Area		1265 FAIRMOUNT
Greater Bay Area		1266 BERKELEY_T
Greater Bay Area		1267 8TH_AVENUE
Greater Bay Area		1269 FLORENCE
Greater Bay Area		1284 RIDGE
Greater Bay Area		1296 CONCORD_NO_1
Greater Bay Area		1298 WARD
Greater Bay Area		1302 BARRETT
Greater Bay Area		1303 BANCROFT
Greater Bay Area		1309 BRYANT
Greater Bay Area		1311 SAN LEANDRO
Greater Bay Area		1314 SOLANO
Greater Bay Area		1315 RADUM
Greater Bay Area		1317 HOLLYWOOD
Greater Bay Area		1318 PALO_SECO
Greater Bay Area		1321 BROOKSIDE
Greater Bay Area		1323 LONE_TREE
Greater Bay Area		1324 WHITNEY

EXHIBIT F (CONT'D) PG&E LCA SUBSTATIONS

Local Capacity Area	Substation_cd	Substation Description
Greater Bay Area		1326 SOTO
Greater Bay Area		1330 PLEASANT_HILL
Greater Bay Area		1331 RUSSELL
Greater Bay Area		1334 SPRUCE
Greater Bay Area		1335 WALDO
Greater Bay Area		1338 WOOD
Greater Bay Area		1343 FAIRVIEW
Greater Bay Area		1346 SAN_LORENZO
Greater Bay Area		1347 RICHMOND_R
Greater Bay Area		1348 ESTUDILLO
Greater Bay Area		1350 JARVIS
Greater Bay Area		1352 MAPLE
Greater Bay Area		1353 LAKEWOOD
Greater Bay Area		1355 GILL
Greater Bay Area		1356 SARANAP
Greater Bay Area		1358 ROBLES
Greater Bay Area		1359 GEARY
Greater Bay Area		1360 LAS_AROMAS
Greater Bay Area		1365 CONTRA_COSTA
Greater Bay Area		1366 PARSONS
Greater Bay Area		1368 EDES
Greater Bay Area		1370 ARLINGTON
Greater Bay Area		1373 ORIOLE
Greater Bay Area		1374 WALL
Greater Bay Area		1375 VASCO
Greater Bay Area		1376 MT_EDEN
Greater Bay Area		1378 VIRGINIA
Greater Bay Area		1380 MORAGA
Greater Bay Area		1381 WAYNE
Greater Bay Area		1384 STUART
Greater Bay Area		1385 BABEL
Greater Bay Area		1391 WILLOW_PASS
Greater Bay Area		1392 FRANKLIN
Greater Bay Area		1405 NORTH_DUBLIN
Greater Bay Area		1409 CASTRO_VALLEY
Greater Bay Area		1410 ALHAMBRA
Greater Bay Area		1416 ROSSMOOR
Greater Bay Area		1423 SAN_RAMON
Greater Bay Area		1424 SUNOL
Greater Bay Area		1426 POINT_PINOLE
Greater Bay Area		1430 MEADOW_LANE
Greater Bay Area		1432 BALFOUR

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EXHIBIT F (CONT'D) PG&E LCA SUBSTATIONS

Local Capacity Area	Substation_cd	Substation Description
Greater Bay Area		1434 VALLEY_VIEW
Greater Bay Area		1435 FREMONT
Greater Bay Area		1437 SAN_PABLO
Greater Bay Area		1438 GRANT
Greater Bay Area		1440 LAS_POSITAS
Greater Bay Area		1442 CAYETANO
Greater Bay Area		1445 KIRKER
Greater Bay Area		1447 DUMBARTON
Greater Bay Area		1450 VINEYARD
Greater Bay Area		1459 BRENTWOOD
Greater Bay Area		1465 TIDEWATER
Greater Bay Area		1466 TASSAJARA
Greater Bay Area		1467 SOBRANTE
Greater Bay Area		1469 RESEARCH
Greater Bay Area		1472 DIXON_LANDING
Greater Bay Area		1809 MCAVOY_TAP
Greater Bay Area		1810 SHORE_ACRES_BANK
Greater Bay Area		1812 PIPER_BANK
Greater Bay Area		1815 BETHEL_BANK
Greater Bay Area		1832 JERSEY_ISLAND
Greater Bay Area		2201 SF_X
Greater Bay Area		2203 SF_A
Greater Bay Area		2207 SF_E
Greater Bay Area		2209 SF_G
Greater Bay Area		2210 SF_H
Greater Bay Area		2213 SF_K
Greater Bay Area		2222 SF_J
Greater Bay Area		2226 SF_L
Greater Bay Area		2227 SF_M
Greater Bay Area		2228 SF_N
Greater Bay Area		2233 SF_P
Greater Bay Area		2234 SF_Q
Greater Bay Area		2239 18TH_STREET
Greater Bay Area		2240 JUDAH
Greater Bay Area		2244 LAWNDALE
Greater Bay Area		2247 ACTON
Greater Bay Area		2248 CASTRO
Greater Bay Area		2249 YOSEMITE
Greater Bay Area		2250 TARAVAL
Greater Bay Area		2251 NORIEGA
Greater Bay Area		2253 6TH_AVENUE
Greater Bay Area		2255 21ST_AVENUE
(001 50 (10 D 0 C U 10)		

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EXHIBIT F (CONT'D) PG&E LCA SUBSTATIONS

Local Capacity Area	Substation_cd	Substation Description
Greater Bay Area		2257 EAST_GRAND
Greater Bay Area		2258 OCEAN
Greater Bay Area		2259 RANDOLPH
Greater Bay Area		2260 WESTLAKE
Greater Bay Area		2261 PORTOLA
Greater Bay Area		2264 DALY_CITY
Greater Bay Area		2265 DALY_CITY_UNIT_SUB
Greater Bay Area		2267 SILVER
Greater Bay Area		2268 PLYMOUTH
Greater Bay Area		2269 MILLBRAE
Greater Bay Area		2270 SAN_BRUNO
Greater Bay Area		2272 SNEATH_LANE
Greater Bay Area		2278 MARINA
Greater Bay Area		2280 SF_Y
Greater Bay Area		2281 PACIFICA
Greater Bay Area		2285 SULLIVAN
Greater Bay Area		2286 SERRAMONTE
Greater Bay Area		2287 SF_Z
Greater Bay Area		2289 BAYSHORE
Greater Bay Area		2401 BAY_MEADOWS
Greater Bay Area		2402 BELL HAVEN
Greater Bay Area		2403 BELMONT
Greater Bay Area		2404 BERESFORD
Greater Bay Area		2405 BURLINGAME
Greater Bay Area		2406 CAROLANDS
Greater Bay Area		2408 EMERALD_LAKE
Greater Bay Area		2409 GLENWOOD
Greater Bay Area		2410 HALF_MOON_BAY
Greater Bay Area		2411 HILLSDALE
Greater Bay Area		2412 LAS_PULGAS
Greater Bay Area		2413 MENLO
Greater Bay Area		2414 RALSTON
Greater Bay Area		2416 REDWOOD_CITY
Greater Bay Area		2418 SAN_CARLOS
Greater Bay Area		2419 SAN_MATEO
Greater Bay Area		2424 WATERSHED
Greater Bay Area		2425 WOODSIDE
Greater Bay Area		2426 BAIR
Greater Bay Area		8201 EVERGREEN
Greater Bay Area		8202 LOS_GATOS
Greater Bay Area		8203 MOUNTAIN_VIEW
Greater Bay Area		8216 LOYOLA

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EXHIBIT F (CONT'D) PG&E LCA SUBSTATIONS

Local Capacity Area	Substation_cd	Substation Description
Greater Bay Area		8219 MABURY
Greater Bay Area		8224 LOS_ALTOS
Greater Bay Area		8225 SAN_JOSE_A
Greater Bay Area		8226 SAN_JOSE_B
Greater Bay Area		8231 ALMADEN
Greater Bay Area		8234 RIVER_OAKS
Greater Bay Area		8246 NORTECH
Greater Bay Area		8283 MILPITAS
Greater Bay Area		8292 EL_PATIO
Greater Bay Area		8295 EDENVALE
Greater Bay Area		8300 LOCKHEED NO.2
Greater Bay Area		8318 LLAGAS
Greater Bay Area		8324 MORGAN_HILL
Greater Bay Area		8337 SARATOGA
Greater Bay Area		8339 SWIFT
Greater Bay Area		8342 LAWRENCE
Greater Bay Area		8343 HICKS
Greater Bay Area		8348 STELLING
Greater Bay Area		8353 MC_KEE
Greater Bay Area		8361 BRITTON
Greater Bay Area		8363 WHISMAN
Greater Bay Area		8367 WOLFE
Greater Bay Area		8370 STONE
Greater Bay Area		8377 VASONA
Greater Bay Area		8380 TRIMBLE
Greater Bay Area		8387 FMC
Greater Bay Area		8389 MONTAGUE
Greater Bay Area		8390 AMES
Greater Bay Area		8391 PIERCY
Greater Fresno Area		25204AIRWAYS
Greater Fresno Area		25205ASHLAN_AVE
Greater Fresno Area		25215ANGIOLA
Greater Fresno Area		25216COALINGA_NO_1
Greater Fresno Area		25217CORCORAN
Greater Fresno Area		25221BIOLA
Greater Fresno Area		25224KINGSBURG
Greater Fresno Area		25228CALIFORNIA_AVE
Greater Fresno Area		25229PARLIER
Greater Fresno Area		25230CAMDEN
Greater Fresno Area		25234REEDLEY
Greater Fresno Area		25235SANGER
Greater Fresno Area		25236SAN_JOAQUIN

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EXHIBIT F (CONT'D) PG&E LCA SUBSTATIONS

Local Capacity Area	Substation_cd	Substation Description
Greater Fresno Area		25237CARUTHERS
Greater Fresno Area		25238COALINGA_NO_2
Greater Fresno Area		25241COPPERMINE
Greater Fresno Area		25250BALCH_NO_1
Greater Fresno Area		25256KERCKHOFF
Greater Fresno Area		25266GUERNSEY
Greater Fresno Area		25268HENRIETTA
Greater Fresno Area		25270KEARNEY
Greater Fresno Area		25271KERMAN
Greater Fresno Area		25273KETTLEMAN_HILLS
Greater Fresno Area		25284OROSI
Greater Fresno Area		25285PINEDALE
Greater Fresno Area		25289SCHINDLER
Greater Fresno Area		25292STONE_CORRAL
Greater Fresno Area		25294TIVY_VALLEY
Greater Fresno Area		25295TULARE_LAKE
Greater Fresno Area		25315GIFFEN
Greater Fresno Area		25316HURON
Greater Fresno Area		25344CALFLAX
Greater Fresno Area		25345DEVILS_DEN
Greater Fresno Area		25353BOWLES
Greater Fresno Area		25357BARTON
Greater Fresno Area		25359CANTUA
Greater Fresno Area		25360LEMOORE
Greater Fresno Area		25366STROUD
Greater Fresno Area		25371HARDWICK
Greater Fresno Area		25373WEST_FRESNO
Greater Fresno Area		25392MANCHESTER
Greater Fresno Area		25393GATES
Greater Fresno Area		25396BULLARD
Greater Fresno Area		25400ALPAUGH
Greater Fresno Area		25406DUNLAP
Greater Fresno Area		25408CLOVIS
Greater Fresno Area		25409DINUBA
Greater Fresno Area		25412MC_CALL
Greater Fresno Area		25415AUBERRY
Greater Fresno Area		25418RESERVE_OIL
Greater Fresno Area		25425MALAGA
Greater Fresno Area		25441MC_MULLIN
Greater Fresno Area		25444RAINBOW
Greater Fresno Area		25453WAHTOKE
Greater Fresno Area		25455FIGARDEN

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EXHIBIT F (CONT'D) PG&E LCA SUBSTATIONS

Greater Fresno Area25460SAND_CREEKGreater Fresno Area25477JACOBS_CORNERGreater Fresno Area25430IRANCHERS_COTTONGreater Fresno Area25491WOODCHUCKGreater Fresno Area25491WOODCHUCKGreater Fresno Area25492LAS_PALMASGreater Fresno Area25500AVENALGreater Fresno Area25528WCR_ROCKGreater Fresno Area25529WOODWARDGreater Fresno Area25859TULE_POWER_HOUSEGreater Fresno Area25859TULE_POWER_HOUSEGreater Fresno Area2588SO_CAL_EDISONHumboldt4214 CLEAR_LAKEHumboldt4226 POHLOHumboldt4260 PHILOHumboldt4266 WILLITSHumboldt4266 WILLITSHumboldt4276 FORT_BRAGG_AHumboldt4286 ANNAPOLISHumboldt4287 UPPER_LAKEHumboldt4295 MENDOCINOHumboldt4304 GARCIAHumboldt4304 GARCIAHumboldt4314 MIDDETOWNHumboldt4331 KONOCTIHumboldt4332 HARTLEYHumboldt4336 HIGHLANDSHumboldt4338 POINT_ARENAHumboldt4338 POINT_ARENAHumboldt4332 HUCRNEHumboldt19210 MAPLE_CREEKHumboldt19217 WILLOW_CREEKHumboldt19218 BULE_LAKEHumboldt19218 BULE_LAKEHumboldt19218 REKHumboldt19218 REKHumboldt19218 REKHumboldt19218 REKHumboldt19218 REK <t< th=""><th>Local Capacity Area</th><th>Substation_cd</th><th>Substation Description</th></t<>	Local Capacity Area	Substation_cd	Substation Description
Greater Fresno Area25480RANCHERS_COTTONGreater Fresno Area25491WOODCHUCKGreater Fresno Area25492LAS_PALMASGreater Fresno Area25494B0SWELLGreater Fresno Area25502RVER_ROCKGreater Fresno Area2552SRIVER_ROCKGreater Fresno Area2552SWOODWARDGreater Fresno Area25859TULE_POWER_HOUSEGreater Fresno Area25888S0CALEDISONHumboldt4214 CLEAR_LAKEHumboldt4225 HOPLANDHumboldt4260 PHILOHumboldt4260 PHILOHumboldt4266 ANYTONVILLEHumboldt4270 FORT_BRAGG_AHumboldt4284 GUALALAHumboldt4284 GUALALAHumboldt4285 MENDOCINOHumboldt4285 MENDOCINOHumboldt4306 GOVELOHumboldt4308 BIG_RIVERHumboldt4314 MIDDLETOWNHumboldt4314 MIDDLETOWNHumboldt4331 KONOCTIHumboldt4338 POINT_ARENAHumboldt4338 POINT_ARENAHumboldt4338 POINT_ARENAHumboldt19210 MAPLE_CREEKHumboldt19210 MAPLE_CREEKHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Greater Fresno Area		25460SAND_CREEK
Greater Fresno Area25491WOODCHUCKGreater Fresno Area25492LAS_PALMASGreater Fresno Area25494BOSWELLGreater Fresno Area2550AVENALGreater Fresno Area25525RIVER_ROCKGreater Fresno Area25529WOODWARDGreater Fresno Area25859TULE_POWER_HOUSEGreater Fresno Area258850CAL_EDISONHumboldt4214 CLEAR_LAKEHumboldt4225 HOPLANDHumboldt4266 WILLITSHumboldt4266 WILLITSHumboldt4266 WILLITSHumboldt4276 FORT_BRAGG_AHumboldt4284 GUALALAHumboldt4284 GUALALAHumboldt4285 MODOCINOHumboldt4288 LKHumboldt4304 GARCIAHumboldt4308 BIG_RIVERHumboldt4314 MIDDLETOWNHumboldt4314 MIDDLETOWNHumboldt4331 KONOCTIHumboldt4331 LCERNEHumboldt4338 POINT_ARENAHumboldt4338 POINT_ARENAHumboldt19210 MAPLE_CREEKHumboldt19212 EUREKA_AHumboldt19213 NUERGHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Greater Fresno Area		25477JACOBS_CORNER
Greater Fresno Area25492LAS_PALMASGreater Fresno Area25494BOSWELLGreater Fresno Area25500AVENALGreater Fresno Area25525RIVER_ROCKGreater Fresno Area25529WOODWARDGreater Fresno Area25895ULE_POWER_HOUSEGreater Fresno Area25888SOCALEDISONHumboldt4214 CLEAR_LAKEHumboldt4225 HOPLANDHumboldt4260 PHILOHumboldt4266 WILLITSHumboldt4266 WILLITSHumboldt4266 FORT_BRAGG_AHumboldt4286 GANNAPOLISHumboldt4286 GANNAPOLISHumboldt4287 UPPER_LAKEHumboldt4286 GANNAPOLISHumboldt4295 MENDOCINOHumboldt4304 GARCIAHumboldt4308 BIG_RIVERHumboldt4314 MIDDLETOWNHumboldt4314 MIDDLETOWNHumboldt4331 KONOCTIHumboldt4331 KONOCTIHumboldt4332 LUCERNEHumboldt4334 CALPELLAHumboldt4338 POINT_ARENAHumboldt4334 CALPELLAHumboldt19210 MAPLE_CREEKHumboldt19210 MAPLE_CREEKHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Greater Fresno Area		25480RANCHERS_COTTON
Greater Fresno Area25494BOSWELLGreater Fresno Area25500AVENALGreater Fresno Area25525RIVER_ROCKGreater Fresno Area25529WOODWARDGreater Fresno Area25888SOCAL.EDISONHumboldt4214 CLEAR_LAKEHumboldt4225 HOPLANDHumboldt4226 POTTER_VALLEY_P_HHumboldt4266 WILLITSHumboldt4266 WILLITSHumboldt4266 FORT_BRAGG_AHumboldt4276 FORT_BRAGG_AHumboldt4284 GUALALAHumboldt4286 GANNAPOLISHumboldt4287 UPPER_LAKEHumboldt4298 MILLEYHumboldt4286 GUALALAHumboldt4286 GUALALAHumboldt4286 GUALALAHumboldt4286 GUALALAHumboldt4286 GUALALAHumboldt4286 GUALALAHumboldt4286 GUALALAHumboldt4298 MENDOCINOHumboldt4304 GARCIAHumboldt4308 BIG_RIVERHumboldt4314 MIDDLETOWNHumboldt4314 MIDDLETOWNHumboldt4331 KONOCTIHumboldt4331 KONOCTIHumboldt4331 CANPEL_CREKHumboldt4338 POINT_ARENAHumboldt4338 POINT_ARENAHumboldt19202 ARCATAHumboldt19210 MAPLE_CREEKHumboldt19212 EUREKA_AHumboldt19213 NEWBURGHumboldt19213 BLUE_LAKE	Greater Fresno Area		25491WOODCHUCK
Greater Fresno Area25500AVENALGreater Fresno Area25525RIVER_ROCKGreater Fresno Area25529WOODWARDGreater Fresno Area25859TULE_POWER_HOUSEGreater Fresno Area25888SOCAL_EDISONHumboldt4214 CLEAR_LAKEHumboldt4225 HOPLANDHumboldt4228 POTTER_VALLEY_P_HHumboldt4260 PHILOHumboldt4266 WILLITSHumboldt4266 WILLITSHumboldt4267 FORT_BRAGG_AHumboldt4284 GUALALAHumboldt4286 ANNAPOLISHumboldt4287 UPPER_LAKEHumboldt4295 MENDOCINOHumboldt4298 ELKHumboldt4304 GARCIAHumboldt4308 BIG_RIVERHumboldt4314 MIDDLETOWNHumboldt4331 KONOCTIHumboldt4332 LUCERNEHumboldt4338 POINT_ARENAHumboldt4338 POINT_ARENAHumboldt4332 LUCERNEHumboldt4332 BIG_RIVERHumboldt4332 LUCERNEHumboldt4332 LUCERNEHumboldt4332 DINT_ARENAHumboldt4332 BIG_RIVERHumboldt4332 BIG_RIVERHumboldt4332 BIG_RIVERHumboldt4332 LUCERNEHumboldt4332 LUCERNEHumboldt4332 DINT_ARENAHumboldt19210 MAPLE_CREEKHumboldt19210 MAPLE_CREEKHumboldt19217 WILLOW_CREEKHumboldt19217 WILLOW_CREEKHumboldt19217 WILLOW_CREEKHum	Greater Fresno Area		25492LAS_PALMAS
Greater Fresno Area25525RIVER_ROCKGreater Fresno Area25529WOODWARDGreater Fresno Area25859TULE_POWER_HOUSEGreater Fresno Area25888SOCAL_EDISONHumboldt4214 CLEAR_LAKEHumboldt4225 HOPLANDHumboldt4228 POTTER_VALLEY_P_HHumboldt4266 WILLITSHumboldt4266 KLLEY_P_HHumboldt4266 VILLITSHumboldt4266 VILLITSHumboldt4284 GUALALAHumboldt4286 ANNAPOLISHumboldt4287 UPPER_LAKEHumboldt4298 ELKHumboldt4298 ELKHumboldt4306 COVELOHumboldt4308 BIG_RIVERHumboldt4314 MIDDLETOWNHumboldt4331 KONOCTIHumboldt4332 HARTLEYHumboldt4338 POINT_ARENAHumboldt4338 POINT_ARENAHumboldt4332 LUCERNEHumboldt4332 BIG_RIVERHumboldt4332 LUCERNEHumboldt4332 LUCERNEHumboldt4321 HARTLEYHumboldt4321 HARTLEYHumboldt4321 HARTLEYHumboldt4321 HARTLEYHumboldt4321 CACATAHumboldt4321 CACATAHumboldt19210 MAPLE_CREEKHumboldt19210 MAPLE_CREEKHumboldt19217 WILLOW_CREEKHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Greater Fresno Area		25494BOSWELL
Greater Fresno Area25529WOODWARDGreater Fresno Area25859TULE_POWER_HOUSEGreater Fresno Area25888SOCAL_EDISONHumboldt4214 CLEAR_LAKEHumboldt4225 HOPLANDHumboldt4228 POTTER_VALLEY_P_HHumboldt4260 PHILOHumboldt4266 WILLITSHumboldt4267 FORT_BRAGG_AHumboldt4276 FORT_BRAGG_AHumboldt4284 GUALALAHumboldt4287 UPPER_LAKEHumboldt4287 UPPER_LAKEHumboldt4295 MENDOCINOHumboldt4304 GARCIAHumboldt4308 BIG_RIVERHumboldt4314 MIDDLETOWNHumboldt4331 KONOCTIHumboldt4333 LUCERNEHumboldt4333 LUCERNEHumboldt4331 KONOCTIHumboldt4332 LUCERNEHumboldt4332 LUCERNEHumboldt4332 LUCERNEHumboldt4332 LUCERNEHumboldt4332 LUCERNEHumboldt4332 LUCERNEHumboldt19202 ARCATAHumboldt19210 MAPLE_CREEKHumboldt19210 MAPLE_CREEKHumboldt19211 VILLOW_CREEKHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Greater Fresno Area		25500AVENAL
Greater Fresno Area25859TULE_POWER_HOUSEGreater Fresno Area25888SOCAL_EDISONHumboldt4214 CLEAR_LAKEHumboldt4225 HOPLANDHumboldt4228 POTTER_VALLEY_P_HHumboldt4260 PHILOHumboldt4266 WILLITSHumboldt4266 KILLITSHumboldt4276 FORT_BRAGG_AHumboldt4284 GUALALAHumboldt4287 UPPER_LAKEHumboldt4287 UPPER_LAKEHumboldt4295 MENDOCINOHumboldt4295 MENDOCINOHumboldt4304 GARCIAHumboldt4308 BIG_RIVERHumboldt4314 MIDDLETOWNHumboldt4331 KONOCTIHumboldt4335 LUCERNEHumboldt4336 HIGHLANDSHumboldt4338 POINT_ARENAHumboldt19210 MAPLE_CREEKHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Greater Fresno Area		25525RIVER_ROCK
Greater Fresno Area25888SOC.LEDJSONHumboldt4214 CLEAR_LAKEHumboldt4225 HOPLANDHumboldt4228 POTTER_VALLEY_P_HHumboldt4260 PHILOHumboldt4266 WILLITSHumboldt4266 KILLITSHumboldt4276 FORT_BRAGG_AHumboldt4284 GUALALAHumboldt4286 ANNAPOLISHumboldt4287 UPPER_LAKEHumboldt4295 MENDOCINOHumboldt4295 MENDOCINOHumboldt4304 GARCIAHumboldt4308 BIG_RIVERHumboldt4314 MIDDLETOWNHumboldt4321 HARTLEYHumboldt4335 LUCERNEHumboldt4336 HIGHLANDSHumboldt4338 POINT_ARENAHumboldt19210 MAPLE_CREEKHumboldt19215 NEWBURGHumboldt19218 BLUE_LAKE	Greater Fresno Area		25529WOODWARD
Humboldt4214 CLEAR_LAKEHumboldt4225 HOPLANDHumboldt4228 POTTER_VALLEY_P_HHumboldt4260 PHILOHumboldt4266 WILLITSHumboldt4266 KILLITSHumboldt4276 FORT_BRAGG_AHumboldt4284 GUALALAHumboldt4286 ANNAPOLISHumboldt4287 UPPER_LAKEHumboldt4295 MENDOCINOHumboldt4304 GARCIAHumboldt4308 BIG_RIVERHumboldt4314 MIDDLETOWNHumboldt4331 KONOCTIHumboldt4335 LUCERNEHumboldt4336 HIGHLANDSHumboldt4338 POINT_ARENAHumboldt4321 CALPELLAHumboldt4321 CALPELLAHumboldt4325 LUCERNEHumboldt4325 LUCERNEHumboldt19210 MAPLE_CREEKHumboldt19210 MAPLE_CREEKHumboldt19217 WILLOW_CREEKHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Greater Fresno Area		25859TULE_POWER_HOUSE
Humboldt4225 HOPLANDHumboldt4228 POTTER_VALLEY_P_HHumboldt4260 PHILOHumboldt4266 WILLITSHumboldt4266 KILLITSHumboldt4266 CORT_BRAGG_AHumboldt4277 UKIAHHumboldt4284 GUALALAHumboldt4287 UPPER_LAKEHumboldt4295 MENDOCINOHumboldt4298 ELKHumboldt4304 GARCIAHumboldt4308 BIG_RIVERHumboldt4314 MIDDLETOWNHumboldt4314 MIDDLETOWNHumboldt4331 KONOCTIHumboldt4335 LUCERNEHumboldt4338 POINT_ARENAHumboldt4341 CALPELLAHumboldt4341 CALPELLAHumboldt4341 CALPELLAHumboldt4341 CALPELLAHumboldt4341 CALPELLAHumboldt19212 EUREKA_AHumboldt19215 NEWBURGHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Greater Fresno Area		25888SOCALEDISON
Humboldt4228 POTTER_VALLEY_P_HHumboldt4260 PHILOHumboldt4266 WILLITSHumboldt4266 WILLITSHumboldt4276 FORT_BRAGG_AHumboldt4277 UKIAHHumboldt4284 GUALALAHumboldt4286 ANNAPOLISHumboldt4287 UPPER_LAKEHumboldt4295 MENDOCINOHumboldt4298 ELKHumboldt4304 GARCIAHumboldt4308 BIG_RIVERHumboldt4314 MIDDLETOWNHumboldt4311 MIDLETOWNHumboldt4331 KONOCTIHumboldt4338 POINT_ARENAHumboldt4338 POINT_ARENAHumboldt19202 ARCATAHumboldt19212 EUREKA_AHumboldt19215 NEWBURGHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		4214 CLEAR_LAKE
Humboldt4260 PHILOHumboldt4266 WILLITSHumboldt4268 LAYTONVILLEHumboldt4276 FORT_BRAGG_AHumboldt4277 UKIAHHumboldt4284 GUALALAHumboldt4286 ANNAPOLISHumboldt4287 UPPER_LAKEHumboldt4295 MENDOCINOHumboldt4298 ELKHumboldt4304 GARCIAHumboldt4308 BIG_RIVERHumboldt4314 MIDDLETOWNHumboldt4314 RTLEYHumboldt4331 KONOCTIHumboldt4338 POINT_ARENAHumboldt4338 POINT_ARENAHumboldt19202 ARCATAHumboldt19210 MAPLE_CREEKHumboldt19217 WILLOW_CREEKHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		4225 HOPLAND
Humboldt4266 WILLITSHumboldt4268 LAYTONVILLEHumboldt4276 FORT_BRAGG_AHumboldt4277 UKIAHHumboldt4284 GUALALAHumboldt4286 ANNAPOLISHumboldt4287 UPPER_LAKEHumboldt4295 MENDOCINOHumboldt4298 ELKHumboldt4304 GARCIAHumboldt4308 BIG_RIVERHumboldt4308 BIG_RIVERHumboldt4314 MIDDLETOWNHumboldt4314 MIDDLETOWNHumboldt4331 KONOCTIHumboldt4335 LUCERNEHumboldt4338 POINT_ARENAHumboldt4341 CALPELLAHumboldt19202 ARCATAHumboldt19210 MAPLE_CREEKHumboldt19215 NEWBURGHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		4228 POTTER_VALLEY_P_H
Humboldt4268 LAYTONVILLEHumboldt4276 FORT_BRAGG_AHumboldt4277 UKIAHHumboldt4284 GUALALAHumboldt4286 ANNAPOLISHumboldt4287 UPPER_LAKEHumboldt4295 MENDOCINOHumboldt4298 ELKHumboldt4304 GARCIAHumboldt4308 BIG_RIVERHumboldt4308 BIG_RIVERHumboldt4314 MIDDLETOWNHumboldt4321 HARTLEYHumboldt4335 LUCERNEHumboldt4336 HIGHLANDSHumboldt4338 POINT_ARENAHumboldt19202 ARCATAHumboldt19210 MAPLE_CREEKHumboldt19215 NEWBURGHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		4260 PHILO
Humboldt4276 FORT_BRAGG_AHumboldt4277 UKIAHHumboldt4284 GUALALAHumboldt4284 GUALALAHumboldt4286 ANNAPOLISHumboldt4287 UPPER_LAKEHumboldt4295 MENDOCINOHumboldt4298 ELKHumboldt4304 GARCIAHumboldt4306 COVELOHumboldt4308 BIG_RIVERHumboldt4319 REDBUDHumboldt4319 REDBUDHumboldt4331 KONOCTIHumboldt4335 LUCERNEHumboldt4336 HIGHLANDSHumboldt4338 POINT_ARENAHumboldt19202 ARCATAHumboldt19210 MAPLE_CREEKHumboldt19215 NEWBURGHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		4266 WILLITS
Humboldt4277 UKIAHHumboldt4284 GUALALAHumboldt4286 ANNAPOLISHumboldt4287 UPPER_LAKEHumboldt4295 MENDOCINOHumboldt4298 ELKHumboldt4304 GARCIAHumboldt4306 COVELOHumboldt4308 BIG_RIVERHumboldt4319 REDBUDHumboldt4319 REDBUDHumboldt4331 KONOCTIHumboldt4335 LUCERNEHumboldt4338 POINT_ARENAHumboldt4341 CALPELLAHumboldt19210 MAPLE_CREEKHumboldt19215 NEWBURGHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		4268 LAYTONVILLE
Humboldt4284 GUALALAHumboldt4286 ANNAPOLISHumboldt4287 UPPER_LAKEHumboldt4295 MENDOCINOHumboldt4298 ELKHumboldt4304 GARCIAHumboldt4306 COVELOHumboldt4308 BIG_RIVERHumboldt4319 REDBUDHumboldt4319 REDBUDHumboldt4331 KONOCTIHumboldt4335 LUCERNEHumboldt4336 HIGHLANDSHumboldt4338 POINT_ARENAHumboldt19202 ARCATAHumboldt19210 MAPLE_CREEKHumboldt19215 NEWBURGHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		4276 FORT_BRAGG_A
Humboldt4286 ANNAPOLISHumboldt4287 UPPER_LAKEHumboldt4295 MENDOCINOHumboldt4298 ELKHumboldt4304 GARCIAHumboldt4306 COVELOHumboldt4308 BIG_RIVERHumboldt4314 MIDDLETOWNHumboldt4319 REDBUDHumboldt4331 KONOCTIHumboldt4335 LUCERNEHumboldt4336 HIGHLANDSHumboldt4338 POINT_ARENAHumboldt19202 ARCATAHumboldt19210 MAPLE_CREEKHumboldt19215 NEWBURGHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		4277 UKIAH
Humboldt4287 UPPER_LAKEHumboldt4295 MENDOCINOHumboldt4298 ELKHumboldt4304 GARCIAHumboldt4306 COVELOHumboldt4308 BIG_RIVERHumboldt4314 MIDDLETOWNHumboldt4319 REDBUDHumboldt4331 KONOCTIHumboldt4335 LUCERNEHumboldt4336 HIGHLANDSHumboldt4336 HIGHLANDSHumboldt4336 HIGHLANDSHumboldt19202 ARCATAHumboldt19210 MAPLE_CREEKHumboldt19215 NEWBURGHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		4284 GUALALA
Humboldt4295 MENDOCINOHumboldt4298 ELKHumboldt4304 GARCIAHumboldt4306 COVELOHumboldt4308 BIG_RIVERHumboldt4314 MIDDLETOWNHumboldt4319 REDBUDHumboldt4321 HARTLEYHumboldt4331 KONOCTIHumboldt4335 LUCERNEHumboldt4336 HIGHLANDSHumboldt4336 POINT_ARENAHumboldt19202 ARCATAHumboldt19210 MAPLE_CREEKHumboldt19217 WILLOW_CREEKHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		4286 ANNAPOLIS
Humboldt4298 ELKHumboldt4304 GARCIAHumboldt4306 COVELOHumboldt4308 BIG_RIVERHumboldt4314 MIDDLETOWNHumboldt4319 REDBUDHumboldt4321 HARTLEYHumboldt4331 KONOCTIHumboldt4335 LUCERNEHumboldt4336 HIGHLANDSHumboldt4341 CALPELLAHumboldt19202 ARCATAHumboldt19210 MAPLE_CREEKHumboldt19217 WILLOW_CREEKHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		4287 UPPER_LAKE
Humboldt4304 GARCIAHumboldt4306 COVELOHumboldt4308 BIG_RIVERHumboldt4314 MIDDLETOWNHumboldt4319 REDBUDHumboldt4321 HARTLEYHumboldt4331 KONOCTIHumboldt4335 LUCERNEHumboldt4336 HIGHLANDSHumboldt4338 POINT_ARENAHumboldt19202 ARCATAHumboldt19210 MAPLE_CREEKHumboldt19215 NEWBURGHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		4295 MENDOCINO
Humboldt4306 COVELOHumboldt4308 BIG_RIVERHumboldt4314 MIDDLETOWNHumboldt4319 REDBUDHumboldt4321 HARTLEYHumboldt4331 KONOCTIHumboldt4335 LUCERNEHumboldt4336 HIGHLANDSHumboldt4338 POINT_ARENAHumboldt19202 ARCATAHumboldt19210 MAPLE_CREEKHumboldt19217 WILLOW_CREEKHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		4298 ELK
Humboldt4308 BIG_RIVERHumboldt4314 MIDDLETOWNHumboldt4319 REDBUDHumboldt4321 HARTLEYHumboldt4331 KONOCTIHumboldt4335 LUCERNEHumboldt4336 HIGHLANDSHumboldt4338 POINT_ARENAHumboldt4341 CALPELLAHumboldt19202 ARCATAHumboldt19210 MAPLE_CREEKHumboldt19215 NEWBURGHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		4304 GARCIA
Humboldt4314 MIDDLETOWNHumboldt4319 REDBUDHumboldt4321 HARTLEYHumboldt4331 KONOCTIHumboldt4335 LUCERNEHumboldt4336 HIGHLANDSHumboldt4338 POINT_ARENAHumboldt4341 CALPELLAHumboldt19202 ARCATAHumboldt19210 MAPLE_CREEKHumboldt19212 EUREKA_AHumboldt19215 NEWBURGHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		4306 COVELO
Humboldt4319 REDBUDHumboldt4321 HARTLEYHumboldt4331 KONOCTIHumboldt4335 LUCERNEHumboldt4336 HIGHLANDSHumboldt4338 POINT_ARENAHumboldt4341 CALPELLAHumboldt19202 ARCATAHumboldt19210 MAPLE_CREEKHumboldt19212 EUREKA_AHumboldt19215 NEWBURGHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		4308 BIG_RIVER
Humboldt4321 HARTLEYHumboldt4331 KONOCTIHumboldt4335 LUCERNEHumboldt4336 HIGHLANDSHumboldt4338 POINT_ARENAHumboldt4341 CALPELLAHumboldt19202 ARCATAHumboldt19210 MAPLE_CREEKHumboldt19212 EUREKA_AHumboldt19215 NEWBURGHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		4314 MIDDLETOWN
Humboldt4331 KONOCTIHumboldt4335 LUCERNEHumboldt4336 HIGHLANDSHumboldt4338 POINT_ARENAHumboldt4341 CALPELLAHumboldt19202 ARCATAHumboldt19210 MAPLE_CREEKHumboldt19212 EUREKA_AHumboldt19215 NEWBURGHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		4319 REDBUD
Humboldt4335 LUCERNEHumboldt4336 HIGHLANDSHumboldt4338 POINT_ARENAHumboldt4341 CALPELLAHumboldt19202 ARCATAHumboldt19210 MAPLE_CREEKHumboldt19212 EUREKA_AHumboldt19215 NEWBURGHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		4321 HARTLEY
Humboldt4336 HIGHLANDSHumboldt4338 POINT_ARENAHumboldt4341 CALPELLAHumboldt19202 ARCATAHumboldt19210 MAPLE_CREEKHumboldt19212 EUREKA_AHumboldt19215 NEWBURGHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		4331 KONOCTI
Humboldt4338 POINT_ARENAHumboldt4341 CALPELLAHumboldt19202 ARCATAHumboldt19210 MAPLE_CREEKHumboldt19212 EUREKA_AHumboldt19215 NEWBURGHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		4335 LUCERNE
Humboldt4341 CALPELLAHumboldt19202 ARCATAHumboldt19210 MAPLE_CREEKHumboldt19212 EUREKA_AHumboldt19215 NEWBURGHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		4336 HIGHLANDS
Humboldt19202 ARCATAHumboldt19210 MAPLE_CREEKHumboldt19212 EUREKA_AHumboldt19215 NEWBURGHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		4338 POINT_ARENA
Humboldt19210 MAPLE_CREEKHumboldt19212 EUREKA_AHumboldt19215 NEWBURGHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		4341 CALPELLA
Humboldt19212 EUREKA_AHumboldt19215 NEWBURGHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		19202 ARCATA
Humboldt19215 NEWBURGHumboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		19210 MAPLE_CREEK
Humboldt19217 WILLOW_CREEKHumboldt19218 BLUE_LAKE	Humboldt		19212 EUREKA_A
Humboldt 19218 BLUE_LAKE	Humboldt		19215 NEWBURG
—	Humboldt		19217 WILLOW_CREEK
Humboldt 19222 GARBERVILLE	Humboldt		19218 BLUE_LAKE
	Humboldt		19222 GARBERVILLE

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EXHIBIT F (CONT'D) PG&E LCA SUBSTATIONS

Local Capacity Area	Substation_cd	Substation Description
Humboldt		19223 TRINIDAD
Humboldt		19225 RIO_DELL
Humboldt		19226 ORICK
Humboldt		19229 CARLOTTA
Humboldt		19231 FRUITLAND
Humboldt		19232 FORT_SEWARD
Humboldt		19233 STATION E EUREKA
Humboldt		19234 HUMBOLDT_BAY
Humboldt		19236 BIG_LAGOON
Humboldt		19238 EEL_RIVER
Humboldt		19239 JANES_CREEK
Humboldt		19240 HOOPA
Humboldt		19241 LOW_GAP
Humboldt		19243 HARRIS
Humboldt		19245 FAIRHAVEN
Humboldt		19246 BRIDGEVILLE
Humboldt		19247 RUSS_RANCH
Kern		25202 ANTELOPE
Kern		25208 TAFT
Kern		25232 CARNERAS
Kern		25244 ELK_HILLS
Kern		25246 FAMOSO
Kern		25255 TEMBLOR
Kern		25261 MIDWAY
Kern		25272 KERN_OIL
Kern		25277 MAGUNDEN
Kern		25278 MCKITTRICK
Kern		25282 OLD_RIVER
Kern		25286 RIO_BRAVO
Kern		25290 SEMITROPIC
Kern		25293 TEJON
Kern		25296 WASCO
Kern		25297 WEEDPATCH
Kern		25314 CUYAMA
Kern		25318 MC_FARLAND
Kern		25319 SAN_BERNARD
Kern		25337BAKERSFIELD
Kern		25339FRUITVALE
Kern		25341LAKEVIEW
Kern		25342PANAMA
Kern		25346CARRIZO PLAINS
Kern		25348WHEELER_RIDGE

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EXHIBIT F (CONT'D) PG&E LCA SUBSTATIONS

Local Capacity Area	Substation_cd	Substation Description
Kern		25349LERDO
Kern		25355SMYRNA
Kern		25364POSO_MOUNTAIN
Kern		25365SHAFTER
Kern		25370WESTPARK
Kern		25380ARVIN
Kern		25387COPUS
Kern		25391LAMONT
Kern		25395COLUMBUS
Kern		25407STOCKDALE
Kern		25420GOOSE_LAKE
Kern		25421MARICOPA
Kern		25424FELLOWS
Kern		25429WELLFIELD
Kern		25437BELRIDGE_1A
Kern		25440TWISSELMAN
Kern		25448BERRENDA_C
Kern		25450CHARCA
Kern		25451TECUYA
Kern		25454GANSO
Kern		25456TUPMAN
Kern		25457RENFRO
Kern		254587TH_STANDARD
Kern		25468BLACKWELL
Kern		25469NORCO
Kern		25476ROSEDALE
Kern		25482CADET
Kern		25493GARDNER
Kern		25526KERN_POWER
Kern		25527CELERON
Kern		25528CARNATION
Kern		25531PENTLAND
Kern		25532TEVIS
Kern		25542TEXACO_EMIDIO
Kern		25544PACIFIC_PIPE_GRAPEVINE
Kern		25545CAL_WATER
Kern		25811SCE_MCFARLAND
Kern		25813SCE_TEHACHAPI
North Coast and North Ba	•	4201SAN_RAFAEL
North Coast and North Ba	•	4202NAPA
North Coast and North Ba	У	4203ALTO
North Coast and North Ba	У	4204NORTH_TOWER
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EXHIBIT F (CONT'D) PG&E LCA SUBSTATIONS

Local Capacity Area	Substation_cd	Substation Description
North Coast and North Bay		4205PARKWAY
North Coast and North Bay		4209MIRABEL
North Coast and North Bay		4212PETALUMA_A
North Coast and North Bay		4215SANTA_ROSA_A
North Coast and North Bay		4221NOVATO
North Coast and North Bay		4226BOLINAS
North Coast and North Bay		4227COTATI
North Coast and North Bay		4229OLEMA
North Coast and North Bay		4230TULUCAY
North Coast and North Bay		4245VALLEJO_B
North Coast and North Bay		4246BASALT
North Coast and North Bay		4248IGNACIO
North Coast and North Bay		4249SAUSALITO
North Coast and North Bay		4255VALLEJO_C
North Coast and North Bay		4256FULTON
North Coast and North Bay		4257MOLINO
North Coast and North Bay		4263PETALUMA_C
North Coast and North Bay		4265HIGHWAY
North Coast and North Bay		4271CALISTOGA
North Coast and North Bay		4272SONOMA
North Coast and North Bay		4275FITCH_MOUNTAIN
North Coast and North Bay		4281MONTE_RIO
North Coast and North Bay		4282CLOVERDALE
North Coast and North Bay		4285FORT_ROSS
North Coast and North Bay		4289GEYSERVILLE
North Coast and North Bay		4299LAS_GALLINAS_A
North Coast and North Bay		4302WOODACRE
North Coast and North Bay		4305MONTICELLO
North Coast and North Bay		4307DUNBAR
North Coast and North Bay		4309GREENBRAE
North Coast and North Bay		4315TOCALOMA
North Coast and North Bay		4316SALMON_CREEK
North Coast and North Bay		4318BELLEVUE
North Coast and North Bay		4320STAFFORD
North Coast and North Bay		4325BAHIA
North Coast and North Bay		4328CARQUINEZ
North Coast and North Bay		4329PUEBLO
North Coast and North Bay		4330MONROE
North Coast and North Bay		4332RINCON
North Coast and North Bay		4334SKAGGS_ISLAND
North Coast and North Bay		4337LAKEVILLE
North Coast and North Bay		4343SILVERADO

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EXHIBIT F (CONT'D) PG&E LCA SUBSTATIONS

Local Capacity Area	Substation_cd	Substation Description
North Coast and North Bay	/	4347PENNGROVE
North Coast and North Bay	/	4349CORONA
North Coast and North Bay	/	4801CALPINE
Other		6202COLUSA
Other		6203 WOODLAND
Other		6204 DAVIS
Other		6205 WILLIAMS
Other		6206 DIXON
Other		6207 COLUSA_JUNCTION
Other		6208 ARBUCKLE
Other		6213 SUISUN
Other		6246 GRAND_ISLAND
Other		6254 MERIDIAN
Other		6270 CORDELIA
Other		6272 KNIGHTS_LANDING
Other		6277 WILKINS_SLOUGH
Other		6283 RICE
Other		6288 MAXWELL
Other		6312 CORTINA
Other		6313 WEST_SACRAMENTO
Other		6314 RUSSELL_(SMUD)
Other		6317 MADISON
Other		6319 ZAMORA
Other		6332 WINTERS
Other		6344 PLAINFIELD
Other		6359 VACA_DIXON
Other		6360 VACAVILLE
Other		6362 DEEPWATER
Other		6364 PEABODY
Other		6368 PUTAH_CREEK
Other		6380 JAMESON
Other		6381 DUNNIGAN
Other		6866 BATAVIA
Other		6867 MAINE_PRAIRIE
Other		8284 BIG_BASIN
Other		8293 POINT_MORETTI
Other		8301 ARANA
Other		8304 BEN_LOMOND
Other		8305 BIG_TREES
Other		8311 CASSERLY
Other		8314 FELTON
Other		8319 GREEN_VALLEY

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EXHIBIT F (CONT'D) PG&E LCA SUBSTATIONS

Local Capacity Area	Substation_cd	Substation Description
Other		8323 CLIFF_DRIVE
Other		8325 PAUL_SWEET
Other		8326 RIO_DEL_MAR
Other		8330 SOQUEL
Other		8333 WATSONVILLE
Other		8345 OPAL_CLIFFS
Other		8350 SEACLIFF
Other		8351 ERTA
Other		8362 CAMP_EVERS
Other		8369 ROB_ROY
Other		8375 ROLAND
Other		8882 COAST_RD.
Other		8887 QUARRY_RD.
Other		10132 PIT_NO_5
Other		10202 CENTERVILLE
Other		10204 NOTRE_DAME
Other		10205 CHICO_A
Other		10211 CAPAY
Other		10212 HAMILTON_A
Other		10217 ESQUON
Other		10221 BUCKS_CREEK
Other		10236 HAMILTON_BRANCH
Other		10249 CHICO_B
Other		10252 OROVILLE
Other		10253 GRAYS_FLAT
Other		10254 VOLTA
Other		10255 EAST_QUINCY
Other		10260 GLENN
Other		10265 CHICO_C
Other		10270 ORLAND_B
Other		10274 WILLOWS_A
Other		10278 ELK_CREEK
Other		10281 BIG_MEADOWS
Other		10283 PARADISE
Other		10284 ANITA
Other		10285 JACINTO
Other		10291 WYANDOTTE
Other		10293 COTTONWOOD
Other		10294 DAYTON_ROAD
Other		10297 SYCAMORE_CREEK
Other		10302 GANSNER
Other		10303 ORO_FINO

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EXHIBIT F (CONT'D) PG&E LCA SUBSTATIONS

Local Capacity Area	Substation_cd	Substation Description
Other		10307 NORD
Other		10308 BUTTE
Other		10309 CLARK_ROAD
Other		10310 SPANISH_CREEK
Other		10313 CRESCENT_MILLS
Other		10314 LOGAN_CREEK
Other		10318 CHESTER
Other		10319 BANGOR
Other		10320 CHALLENGE
Other		10321 HONCUT
Other		10322 KANAKA
Other		10324 PEACHTON
Other		10325 TRES_VIAS
Other		10326 ANDERSON
Other		10327 ANTLER
Other		10330 BOGARD
Other		10331 BURNEY
Other		10332 CEDAR_CREEK
Other		10333 CORNING
Other		10334 DAIRYVILLE
Other		10335 DESCHUTES
Other		10338 FRENCH_GULCH
Other		10339 GERBER
Other		10340 GIRVAN
Other		10344 JESSUP
Other		10345 KESWICK
Other		10346 PANORAMA
Other		10348 LOS_MOLINOS
Other		10349 MC_ARTHUR
Other		10350 PIT_NO_7
Other		10352 OREGON_TRAIL
Other		10353 RAWSON
Other		10354 RED_BLUFF
Other		10355 RISING_RIVER
Other		10356 STILLWATER
Other		10357 TYLER
Other		10358 VINA
Other		10360 WHITMORE
Other		10361 WILDWOOD
Other		10372 PIT_NO_1
Other		10373 PIT_NO_3
Other		16267 WESTLEY

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EXHIBIT F (CONT'D) PG&E LCA SUBSTATIONS

Local Capacity Area	Substation_cd	Substation Description
Other		16274 NEWMAN
Other		16283 SPRING_GAP
Other		16298 VALLEY_HOME
Other		16311 GUSTINE
Other		16316 PINECREST
Other		16319 RIVERBANK
Other		16324 TAR_FLAT
Other		16325 CROWS_LANDING
Other		16335 CURTIS
Other		16366 MIWUK
Other		16371 COTTLE
Other		16376 RACETRACK
Other		16378 PEORIA FLAT
Other		18201 SALINAS
Other		18203 KING_CITY
Other		18204 CARMEL
Other		18205 SOLEDAD
Other		18206 FAIRWAY
Other		18207 CAMPHORA
Other		18208 LOS_OSITOS
Other		18209 MONTEREY
Other		18213 GONZALES
Other		18215 LOS_COCHES
Other		18219 SAN_ARDO
Other		18220 SPENCE
Other		18222 DEL_MONTE
Other		18226 BUENA_VISTA
Other		18229 HATTON
Other		18230 INDUSTRIAL_ACRES
Other		18233 GABILAN
Other		18235 CASTROVILLE
Other		18237 LAURELES
Other		18238 DOLAN_ROAD
Other		18239 OILFIELDS
Other		18240 FORT_ORD
Other		18244 PACIFIC_GROVE
Other		18246 BORONDA
Other		18249 HOLLISTER
Other		18254 ATASCADERO
Other		18255 CAYUCOS
Other		18256 CHOLAME
Other		18257 DIVIDE

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EXHIBIT F (CONT'D) PG&E LCA SUBSTATIONS

Local Capacity Area	Substation_cd	Substation Description
Other		18258 GOLDTREE
Other		18260 OCEANO
Other		18261 PASO_ROBLES
Other		18263 SAN_LUIS_OBISPO
Other		18266 SAN_MIGUEL
Other		18267 SANTA_MARIA
Other		18268 ZACA
Other		18272 SANTA_YNEZ
Other		18273 RESERVATION_ROAD
Other		18274 SAN_BENITO
Other		18277 CAMBRIA
Other		18280 BAYWOOD
Other		18281 SISQUOC
Other		18282 MESA
Other		18285 VIEJO
Other		18294 OTTER
Other		18295 FOOTHILL
Other		18296 PRUNEDALE
Other		18297 PURISIMA
Other		18298 JOLON
Other		18301 MORRO_BAY
Other		18303 PALMER
Other		18304 BUELLTON
Other		18305 TEMPLETON
Other		18307 PERRY
Other		18310 CABRILLO
Other		25151 WISHON
Other		25209 CANAL
Other		25219 BEAR_VALLEY
Other		25226 LIVINGSTON
Other		25231 MENDOTA
Other		25242 DAIRYLAND
Other		25245 EL_NIDO
Other		25252 SAN_JOAQUIN_#2_PH
Other		25253 SAN_JOAQUIN_#3_PH
Other		25269 INDIAN_FLAT
Other		25276 MADERA
Other		25280 MERCED
Other		25281 MERCED_FALLS
Other		25340 HAMMONDS
Other		25347 FIREBAUGH
Other		25354 SANTA_RITA

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EXHIBIT F (CONT'D) PG&E LCA SUBSTATIONS

Local Capacity Area	Substation_cd	Substation Description
Other		25361 ATWATER
Other		25388 EL_CAPITAN
Other		25398 EL_PECO
Other		25404 DOS_PALOS
Other		25405 SANTA_NELLA
Other		25410 CHOWCHILLA
Other		25427 CASSIDY
Other		25430 WILSON
Other		25431 ORTIGA
Other		25442 OAKHURST
Other		25443 COARSEGOLD
Other		25445 MARIPOSA
Other		25446 NEWHALL
Other		25461 STOREY
Other		25464 WRIGHT
Other		25470 CRESSEY
Other		25490 GALLO
Other		25512 BORDEN
Other		25536 LE_GRAND
Other		25537 ORO_LOMA
Other		25539 BONITA
Other		25885 SOCALEDISON_#2
Other		25886 SOCALEDISON_#3
Sierra		15201 MARYSVILLE
Sierra		15203 GRASS_VALLEY
Sierra		15206 ROCKLIN
Sierra		15210 ALLEGHANY
Sierra		15211 BARRY
Sierra		15215 EAST_NICOLAUS
Sierra		15216 AUBURN
Sierra		15218 FORESTHILL
Sierra		15220 PIKE_CITY
Sierra		15224 HALSEY
Sierra		15225 SPAULDING
Sierra		15226 DIAMOND_SPRINGS
Sierra		15227 WISE
Sierra		15228 MOUNTAIN_QUARRIES
Sierra		15229 TAMARACK
Sierra		15230 BONNIE_NOOK
Sierra		15232 DRUM
Sierra		15233 EAST_MARYSVILLE
Sierra		15243 SHADY_GLEN

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EXHIBIT F (CONT'D) PG&E LCA SUBSTATIONS

Local Capacity Area	Substation_cd	Substation Description
Sierra		15244 PLEASANT_GROVE
Sierra		15246 PLACER
Sierra		15247 COLUMBIA_HILL
Sierra		15248 BRUNSWICK
Sierra		15249 WEIMAR
Sierra		15253 FLINT
Sierra		15256 PENRYN
Sierra		15257 HORSESHOE
Sierra		15258 DEL_MAR
Sierra		15259 SUMMIT
Sierra		15269 HIGGINS
Sierra		15270 BELL
Sierra		15276 EL_DORADO_PH
Sierra		15281 WHEATLAND
Sierra		15285 HARTER
Sierra		15290 OLIVEHURST
Sierra		15292 BROWNS_VALLEY
Sierra		15308 PLACERVILLE
Sierra		15313 NARROWS
Sierra		15361 CLARKSVILLE
Sierra		15365 SHINGLE_SPRINGS
Sierra		15366 APPLE_HILL
Sierra		15370 LINCOLN
Sierra		15371 TUDOR
Sierra		15373 PLUMAS
Sierra		15374 DOBBINS
Sierra		15375 PEASE
Sierra		15376 CATLETT
Sierra		15377 LIVE_OAK
Sierra		15378 BOGUE
Sierra		15379 SMARTVILLE
Sierra		15803 ECHO_SUMMIT
Stockton		16138 TIGER_CREEK
Stockton		16207 LINDEN
Stockton		16208 NEW_HOPE
Stockton		16209 MIDDLE_RIVER
Stockton		16211 LODI
Stockton		16216 ELECTRA
Stockton		16221 CALAVERAS_CEMENT
Stockton		16223 COLONY
Stockton		16230 MONARCH
Stockton		16237 STOCKTON_A
		—

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EXHIBIT F (CONT'D) PG&E LCA SUBSTATIONS

Local Capacity Area	Substation_cd	Substation Description
Stockton		16242 STAGG
Stockton		16247 BANTA
Stockton		16261 MANTECA
Stockton		16270 VIERRA
Stockton		16277 LAMMERS
Stockton		16282 STANISLAUS
Stockton		16288 TRACY
Stockton		16299 CORRAL
Stockton		16301 MARTELL
Stockton		16302 TERMINOUS
Stockton		16307 CHANNEL
Stockton		16308 ROUGH_AND_READY_ISL
Stockton		16309 CARBONA
Stockton		16312 COUNTRY_CLUB
Stockton		16313 EAST_STOCKTON
Stockton		16315 WATERLOO
Stockton		16320 WEST_POINT
Stockton		16321 MORMON
Stockton		16322 STOCKTON_ACRES
Stockton		16323 NORTH_BRANCH
Stockton		16327 OAK_PARK
Stockton		16328 VICTOR
Stockton		16329 FRENCH_CAMP
Stockton		16330 HAMMER
Stockton		16331 HARDING
Stockton		16334 CLAY
Stockton		16345 FROGTOWN
Stockton		16348 WEBER
Stockton		16354 OLETA
Stockton		16356 ALPINE
Stockton		16357 AVENA
Stockton		16362 WEST_LANE
Stockton		16365 CHEROKEE
Stockton		16368 LOCKEFORD
Stockton		16369 SALT_SPRINGS
Stockton		16370 METTLER
Stockton		16372 MOSHER
Stockton		16374 HERDLYN
Stockton		16375 PINE_GROVE
Stockton		16380 RIPON
Stockton		16388 IONE
Stockton		16391 EIGHT_MILE

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EXHIBIT F (CONT'D) PG&E LCA SUBSTATIONS

Local Capacity Area	Substation_cd	Substation Description
Stockton		16888 TOKAY

Advice 4719-E-A February 8, 2016

Attachment B

Clean version of the 2017 DRAM Agreement

2017 DRAM RFO PRO FORMA

DEMAND RESPONSE AUCTION MECHANISM RESOURCE PURCHASE AGREEMENT

between

[NAME OF SELLER]

and

PACIFIC GAS AND ELECTRIC COMPANY

DEMAND RESPONSE AUCTION MECHANISM RESOURCE PURCHASE AGREEMENT BETWEEN [SELLER] AND PACIFIC GAS AND ELECTRIC COMPANY

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DEMAND RESPONSE RESOURCE PURCHASE AGREEMENT BETWEEN [SELLER] AND PACIFIC GAS AND ELECTRIC COMPANY

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DEMAND RESPONSE RESOURCE PURCHASE AGREEMENT BY AND BETWEEN [NAME OF SELLER] and PACIFIC GAS AND ELECTRIC COMPANY

PREAMBLE

This Demand Response Resource Purchase Agreement, together with its exhibits (the "Agreement") is entered into by and between Pacific Gas and Electric Company, a California corporation ("Buyer" or "PG&E"), and [Aggregator or Demand Response Provider], a [Seller's business registration] ("Seller"), as of [Date] ("Execution Date"). Buyer and Seller are referred to herein individually as a "Party" and collectively as "Parties." Unless the context otherwise specifies or requires, capitalized terms in this Agreement have the meanings set forth in Exhibit A.

AGREEMENT

In consideration of the agreements contained herein, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties agree as follows.

ARTICLE 1. TRANSACTION

1.1. Purchase and Sale of the Product

(a) During the Delivery Period, Seller shall sell and deliver, and Buyer shall purchase and receive, the Product(s) as indicated in Table 1.1(b) in the respective amount of the Product Monthly Quantity, as indicated in Exhibit E, subject to and in accordance with the terms and conditions of this Agreement. More than one type of Product from Table 1.1(b) may be indicated. Each type of Product indicated in Table 1.1(b) shall be referred to individually or collectively as "Product" for purposes of this Agreement, as applicable.

TABLE 1.1(b)		
	Product	LCA
	Product A: System Capacity	Not applicable
	Product B1: Local Capacity with System Capacity	Greater Bay
	Product B2: Local Capacity with System Capacity	Humboldt
	Product B3: Local Capacity with System Capacity	North Coast/North Bay

(b) The Product is:

TABLE 1.1(b)		
	Product	LCA
	Product B4: Local Capacity with System Capacity	Sierra
	Product B5: Local Capacity with System Capacity	Stockton
	Product B6: Local Capacity with System Capacity	Fresno
	Product B7: Local Capacity with System Capacity	Kern
	Product C2-0: Flexible Capacity (Flexible Category 2) with System Capacity	Not applicable
	Product C3-0: Flexible Capacity (Flexible Category 3) with System Capacity	Not applicable
	Product D2-1: Flexible Capacity (Flexible Category 2) with Local and System Capacity	Greater Bay
	Product D2-2: Flexible Capacity (Flexible Category 2) with Local and System Capacity	Humboldt
	Product D2-3: Flexible Capacity (Flexible Category 2) with Local and System Capacity	North Coast/North Bay
	Product D2-4: Flexible Capacity (Flexible Category 2) with Local and System Capacity	Sierra
	Product D2-5: Flexible Capacity (Flexible Category 2) with Local and System Capacity	Stockton
	Product D2-6: Flexible Capacity (Flexible Category 2) with Local and System Capacity	Fresno
	Product D2-7: Flexible Capacity (Flexible Category 2) with Local and System Capacity	Kern
	Product D3-1: Flexible Capacity (Flexible Category 3) with Local and System Capacity	Greater Bay
	Product D3-2: Flexible Capacity (Flexible Category 3) with Local and System Capacity	Humboldt
	Product D3-3: Flexible Capacity (Flexible Category 3) with Local and System Capacity	North Coast/North Bay
	Product D3-4: Flexible Capacity (Flexible Category 3) with Local and System Capacity	Sierra
	Product D3-5: Flexible Capacity (Flexible Category 3) with Local and System Capacity	Stockton
	Product D3-6: Flexible Capacity (Flexible Category 3) with Local and System Capacity	Fresno

TABLE 1.1(b)		
	Product	LCA
	Product D3-7: Flexible Capacity (Flexible Category 3) with Local and System Capacity	Kern

(c) Seller to indicate whether the Product is:

_____ a Residential Customer Product; or

_____ not a Residential Customer Product

{Seller to choose only one option which applies to all Product for this Agreement}

(d) If Seller has chosen to deliver Product that is not Residential Customer Product, its DRAM Resources may nevertheless include Residential Customers and Small Commercial Customers.

1.2. Term

The "Term" of this Agreement shall commence upon the Execution Date and shall continue until the expiration of the Delivery Period unless terminated earlier in accordance with the terms and conditions of this Agreement.

1.3. Delivery Period

The "Delivery Period" shall commence on the later of (a) the first day of the first month that begins after sixty (60) days following CPUC Approval, and (b) [Date], and shall continue in full force and effect until [Date] {The Date should be the last calendar day of the last Showing Month}, unless terminated earlier in accordance with the terms and conditions of this Agreement. Notwithstanding anything to the contrary contained in this Agreement, the Delivery Period will not commence until CPUC Approval is obtained or waived by Buyer in its sole discretion.

{Dates will be based on Seller's bid that was selected by the IOU in the RFO. Currently that would be no earlier than January, 2017 and no later than December, 2017.}

1.4. Seller's Designation of the DRAM Resource

- (a) On or before the later of (1) the first day of the first month that begins after the date that is sixty (60) days following CPUC Approval, and (2) the date that is sixty (60) days prior to the first Showing Month, and on a monthly basis thereafter no less than sixty (60) days prior to the applicable Showing Month if any of the information below changes, Seller shall:
 - (i) Provide to Buyer the Resource ID(s) for each PDR or RDRR providing each type of Product pursuant to this Agreement.

- (ii) Confirm in writing to Buyer that each PDR or RDRR identified by Seller pursuant to Section 1.4(a)(i) for each type of Product is comprised solely of Bundled Service Customers or Unbundled Service Customers.
- (iii) If any of the PDRs or RDRRs providing a type of Product pursuant to this Agreement is a Joint Resource, Seller shall confirm in writing to Buyer (x) the amount of the capacity of such Joint Resource that will be used to show Demonstrated Capacity for the applicable type of Product under this Agreement and (y) the total capacity of such Joint Resource for the applicable type of Product.
- (b) Sellers may sell and deliver System Capacity and Local Capacity from PDRs or RDRRs and may sell and deliver Flexible Capacity only from PDRs.
- (c) The Parties shall cooperate to implement the requirements of Rule 24 to enroll Resource Customers in order for Seller to designate the PDR(s) and/or RDRR(s) pursuant Section 1.4(a)(i).

1.5. Product Monthly Quantity and Corresponding Contract Price

- (a) The Product Monthly Quantity and Contract Price for each type of Product indicated in Table 1.1(b) for each applicable Showing Month during the Delivery Period is set forth in Exhibit E.
- (b) In the event that Seller is not able to register the DRAM Resource for part or all of a Product Monthly Quantity for a Showing Month due solely to (i) the actions or inactions of Buyer or the CAISO, or (ii) insufficient Rule 24 registrations under Conclusion of Law 10 in D.15-03-042 being available to Seller, then Seller may, in its sole discretion, by providing Notice to Buyer on or before the date that is sixty (60) days prior to the Showing Month for which Seller is unable to register the DRAM Resource, (x) reduce a Product Monthly Quantity for a particular type of Product for such Showing Month, or (y) terminate this Agreement; *provided*, Seller shall demonstrate to Buyer's reasonable satisfaction that Seller made commercially reasonable efforts to register the DRAM Resource corresponding to such reduced Product Monthly Quantity for such particular type of Product in the applicable Showing Month.
- (c) In the event that the CPUC does not approve Buyer's request for funding to support real time and ancillary services capability and the Buyer has not yet enabled real time or ancillary services functionality, by the time that the DRAM Resource is offered into the CAISO Markets, on or after January 1, 2017 per the terms of this Agreement, Buyer shall provide Notice to Seller and Seller shall be exempt from both any obligation to provide Flexible Capacity and any associated penalties. Once Buyer has enabled real time or ancillary services functionality and Sellers are able to provide Flexible Capacity to the CAISO Markets, this section shall have no further effect.

(d) Seller's exercise of its rights under Section 1.5(b) with respect to a particular Product Monthly Quantity for a particular type of Product or Seller's exercise of its rights under Section 1.5(c) will not be deemed to be a failure of Seller's obligation to sell or deliver the Product or a failure of Buyer's obligation to purchase or receive the Product, and will not be or cause an Event of Default by either Party. Neither Party shall have any further obligation or liability to the other and no Settlement Amount with respect to this Agreement will be due or owing by either Party upon termination of this Agreement due solely to Seller's exercise of its right pursuant to Sections 1.5(b)(y) or Seller's exercise of its rights pursuant to Section 1.5(c), except in the case of Seller's exercise of its rights pursuant to Section 1.5(b)(y) only in which case Buyer shall be liable to Seller for expenses, actually incurred by Seller as of the date of such termination, for SC services with respect to the DRAM Resource and this Agreement, in an amount not to exceed the sum of the monthly SC service payments during the months of the Delivery Term.

1.6. Demonstrated Capacity

- (a) Each invoice submitted by Seller to Buyer pursuant to Section 4.2 shall include a statement, in a form substantially similar to Exhibit C, of the amount of the Product Monthly Quantity for each type of Product for such Showing Month that Seller was capable of delivering ("Demonstrated Capacity"), including, at Seller's election in its sole discretion, any one of the following:
 - (i) The results of a capacity test conducted by the Seller's SC during the applicable Showing Month. Such test shall consist of at least two (2) continuous hours of load reduction by the applicable PDR or RDRR in the DRAM Resource. The Demonstrated Capacity for System or Local Capacity with respect to such PDR or RDRR will equal the maximum hourly load reduction during such test as calculated using the Capacity with respect to such PDR will equal the average hourly load reduction during such test as calculated using the capacity with respect to such PDR will equal the average hourly load reduction during such test as calculated using the Capacity with respect to such PDR will equal the average hourly load reduction during such test as calculated using the Capacity Baseline;
 - (ii) The average amount of capacity for the applicable PDR or RDRR in the DRAM Resource that the Seller Bid into the applicable CAISO Markets solely during the hours of the Showing Month in compliance with the MOO; or
 - (iii) The results of a Dispatch of the applicable PDR or RDRR in the DRAM Resource during the Showing Month, provided that the PDR or RDRR provided load reduction during all of the hours referenced in the Dispatch Instruction corresponding to the applicable MOO hours. The Demonstrated Capacity for System and Local Capacity will equal the maximum hourly load reduction during any hour of such Dispatch as calculated using the Capacity Baseline and the Demonstrated Capacity for

Flexible Capacity will equal the average hourly load reduction calculated using the Capacity Baseline.

- (b) Solely for purposes of establishing the Demonstrated Capacity pursuant to Section 1.6(a), Seller shall use data available through Buyer's Customer Data Access Systems that has been designated by Buyer as final Revenue Quality Meter Data and such data shall be considered final by the Parties as of the date Seller submits its invoice for the applicable Showing Month to Buyer.
- (c) If the DRAM Resource is comprised of more than one PDR or RDRR, then Seller may establish the portion of the Demonstrated Capacity for a specific type of Product associated with each such PDR or RDRR by using any one of the methods described in Sections 1.6(a)(i)-(iii), in which case the Demonstrated Capacity for a specific type of Product will equal the sum of the individual PDR or RDRRs demonstrated capacities.
- (d) If any respective PDR or RDRR in the DRAM Resource is a Joint Resource, Seller's invoice shall indicate (x) the amount of the capacity of such Joint Resource used to show Demonstrated Capacity for a specific type of Product for such month and (y) the total capacity of such Joint Resource during such month.
- (e) If the type of Product Seller delivers under this Agreement is a Residential Customer Product, Seller's invoice shall indicate the number of Residential Customer SAID agreements and the number of Small Commercial SAID accounts in each PDR or RDRR for such type of Product.
- (f) In addition to the requirements in Section 1.6(a), if Seller is electing Demonstrated Capacity for Local Capacity, then, as part of Seller's Demonstrated Capacity for Local Capacity, Seller's invoice shall indicate the number of SAID agreements in the applicable LCA that are associated with the Local Capacity as indicated in Table 1.1(b) and Exhibit C.
- (g) Following Buyer's receipt of Seller's invoice and Notice of Demonstrated Capacity, Buyer may, upon Notice to Seller, require Seller to provide documentation from Seller or Seller's SC that establishes to Buyer's reasonable satisfaction the Demonstrated Capacity of each Product type from a PDR, RDRR or Joint Resource as stated by Seller in its invoice for the applicable Showing Month. In the event that Seller does not provide such documentation within ten (10) Business Days from Buyer's Notice or such documentation is not reasonably satisfactory to Buyer, then Buyer may require an audit of Seller or Seller's SC records upon Notice ("Audit Notice"). With respect to an Audit Notice, Seller shall cause its SC to allow Buyer or its designated independent third-party auditor to have access to the records and data necessary to conduct such audit within five (5) Business Days of Seller's receipt of an Audit Notice; provided, such audit will be limited solely to verification of the data upon which Seller based its claim of the amount of the Demonstrated Capacity. If the type of Product designated in Section 1.1(b) is a Residential Customer Product, then, in addition to the

documentation specified above, Buyer may, in its Audit Notice, require Seller or Seller's SC to provide additional documentation that establishes to Buyer's reasonable satisfaction that the type of Product is Residential Customer Product as stated by Seller in its invoice for the applicable Showing Month. Buyer's costs, including the costs for any third-party auditor, incurred in connection with the conducting such audit are the sole responsibility of Buyer.

ARTICLE 2. CPUC APPROVAL

2.1. Obtaining CPUC Approval

Within thirty (30) days after the Execution Date, Buyer shall file with the Commission the appropriate request for CPUC Approval. Seller shall use commercially reasonable efforts to support Buyer in preparing for and obtaining CPUC Approval. Buyer has no obligation to seek rehearing or to appeal a Commission decision which fails to approve this Agreement or which contains findings required for CPUC Approval with conditions or modifications unacceptable to either Party.

2.2. CPUC Approval Termination Right

- (a) Either Party has the right to terminate this Agreement upon Notice, which will be effective five (5) Business Days after such Notice is given, if (i) CPUC Approval has not been obtained or waived by Buyer in its sole discretion within sixty (60) days after Buyer files its request for CPUC Approval and (ii) such Notice of termination is given on or before the ninetieth (90th) day after Buyer files the request for CPUC Approval.
- (b) Failure to obtain CPUC Approval in accordance with this Article 2 will not be deemed to be a failure of Seller to sell or deliver the Product or a failure of Buyer to purchase or receive the Product, and will not be or cause an Event of Default by either Party. No Settlement Amount with respect to this Agreement will be due or owing by either Party, and neither Party shall have any obligation or liability to the other, upon termination of this Agreement due solely to failure to obtain CPUC Approval.

ARTICLE 3. SELLER OBLIGATIONS

3.1. Delivery of Product

(a) No later than ten (10) Business Days before the applicable Buyer's Compliance Showing deadlines for each Showing Month, Seller shall submit, or shall cause Seller's SC(s) to submit, Notice to Buyer which includes Seller's proposed Supply Plan for such Showing Month in a form substantially similar to Exhibit D, or in a form as communicated in writing by Buyer to Seller no later than fifteen (15) Business Days prior to Buyer's Compliance Showing deadlines for a Showing Month. (b) Seller shall, on a timely basis, submit, or cause its SC to submit, a Supply Plan in accordance with the CAISO Tariff to identify and confirm the Product Monthly Quantity for each type of Product to be provided to Buyer from the DRAM Resource for each Showing Month.

3.2. Resource Adequacy Benefits

Seller grants, pledges, assigns, and otherwise commits to Buyer the Product Monthly Quantity and all Resource Adequacy Benefits of the Product as associated with the DRAM Resource to enable Buyer to meet its RAR, Local RAR and/or Flexible RAR, as applicable. The Parties shall take all commercially reasonable actions, and execute all documents or instruments necessary, to effect the use of the Product for Buyer's sole benefit.

3.3. Provision of Information

- (a) Within a reasonable period of time, or such time prescribed by the CPUC, Seller shall provide to the CPUC all information requested by the CPUC relating to Seller's obligations and performance pursuant to this Agreement and the DRAM II Pilot Program to which this Agreement relates. In responding to any information request from the CPUC, the Seller may designate information for confidential treatment consistent with CAISO and/or Commission rule, tariff or decision. Any such confidential information provided by Seller to the CPUC shall be held in confidence by the CPUC and excluded from public inspection or disclosure, unless inspection or disclosure is otherwise required by Applicable Laws.
- (b) If a PDR or RDRR in the DRAM Resource has not been tested or Dispatched between January 1, 2017 and the end of the Delivery Period, then Seller shall cause a test of such PDR(s) or RDRR(s) in accordance with D.14-06-050, Appendix B, by the end of the Delivery Period and provide the results of such test to Buyer for inclusion in Buyer's Compliance Showing to the CPUC.
- (c) Seller shall comply with the requirements for load impact analysis in D.14-06-050, Appendix B, and provide to the CPUC a load impact evaluation consistent with the Load Impact Protocols in D. 08-04-050 and data required by D.14-06-050. This Section 3.3(c) is applicable only for DRAM Resources for which historical data are available. If historical data are not available, Seller is not required to perform a load impact analysis.

3.4. Seller's Obligations

(a) Seller shall, and shall cause each of the PDRs or RDRRs in the DRAM Resource and corresponding DRPs and SCs to, comply with all applicable CAISO Tariff provisions, CPUC Decisions and all other Applicable Laws, including the Bidding of the DRAM Resource into the applicable CAISO Markets during the Availability Assessment Hours as required by the CAISO Tariff. (b) Seller shall or shall cause Seller's DRP to execute Buyer's Demand Response Provider Service Agreement in accordance with Rule 24.

3.5. Indemnities for Failure to Perform

Seller agrees to indemnify, defend and hold harmless Buyer from any costs, penalties, fines or charges assessed against Buyer by the CPUC or the CAISO, resulting from Seller's failure to do, or cause to be done, any of the following:

- Provide any portion of the Monthly Quantity for any portion of the Delivery Period, except to the extent (i) such failure is solely the result of a failure by Buyer to perform any of its obligations pursuant to Section 6.2, or (ii) Seller reduces a Monthly Quantity in compliance with Section 1.5(b);
- (b) Submit timely and accurate Supply Plans that identify Buyer's right to the Monthly Quantity for each Showing Month;
- (c) Comply with the requirements in Section 3.2 to enable Buyer to meet its RAR; or
- (d) Meet CPUC Resource Adequacy requirements per CPUC Filing Guide.

With respect to the foregoing, the Parties shall use commercially reasonable efforts to minimize any such costs, penalties, fines and charges; *provided*, in no event will Buyer be required to use or change its utilization of its owned or controlled assets or market positions to minimize these penalties and fines. If Seller fails to pay the foregoing penalties, fines, charges, or costs, or fails to reimburse Buyer for those penalties, fines, charges, or costs, then Buyer may offset those penalties, fines, charges or costs against any amounts it may owe to Seller under this Agreement.

Notwithstanding Seller's obligations in Section 3.5(a), Seller is not required to indemnify or reimburse Buyer for any costs allocated to Buyer by the CAISO for any capacity procured by CAISO pursuant to the Capacity Procurement Mechanism with respect to any Shortfall Capacity.

ARTICLE 4. PAYMENT AND BILLING

4.1. Delivered Capacity Payment

Buyer shall make a monthly payment to Seller, after the applicable Showing Month, ("Delivered Capacity Payment") equal to the sum of (A x B x D) for each type of Product plus C.

Delivered Capacity Payment = $\sum [A \times B \times D] + C$

Where:

A = The Contract Price of the applicable type of Product for the applicable Showing Month

- B = The lesser of (i) the Demonstrated Capacity for each type of Product for the applicable Showing Month, and (ii) the corresponding Product Monthly Quantity for the applicable Showing Month
- C = The monthly SC services payment in the amount of [Dollar Amount Text] dollars (\$[Number]), if B is greater than zero for the applicable Showing Month. {IOU Comment: SC services payment amount will be based on Seller's bid that was selected by the IOU in the RFO.}
- D = 1.0 if Seller has chosen (i) not to deliver Residential Customer Product in Section 1.1(c) or (ii) to deliver Residential Customer Product in Section 1.1(c) and the Product delivered meets the definition of Residential Customer Product, or 0.90 if the Product delivered does not meet the definition of Residential Customer Product.

4.2. Invoice and Payment Process

- (a) As soon as practicable after the end of each Showing Month, Seller will render to Buyer an invoice for the payment obligations, if any, incurred hereunder with respect to such Showing Month.
- (b) Buyer will pay Seller all undisputed invoice amounts on or before the later of (i) the twentieth (20th) day of each month, or (ii) the tenth (10th) day after receipt of Seller's invoice and Demonstrated Capacity or, if such day is not a Business Day, then on the next Business Day.
- (c) Each Party will make payments by electronic funds transfer, or by other mutually agreeable method(s), to the account designated by the other Party. Any amounts not paid by the due date will be deemed delinquent and will accrue interest at the Cash Interest Rate, such interest to be calculated from and including the due date to but excluding the date the delinquent amount is paid in full.
- (d) Buyer may offset against any future payments by any amount(s) that were previously overpaid.
- (e) Either Party may, in good faith, dispute the correctness of any invoice, bill, charge, 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, bill, charge, or adjustment to an invoice, was rendered. Disputes are subject to the provisions of Article 10 below. 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, with Notice of the objection given to the other Party. 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 ten (10) Business Days of such resolution.

- (f) Buyer may deduct any amounts that would otherwise be due to Seller under this Agreement from any amounts owing and unpaid by Seller to Buyer under this Agreement.
- (g) With respect to any Joint Resource, if Seller and any third party both submit claims to Buyer for payment with respect to such Joint Resource which, when added together, exceed the total capacity of the Joint Resource, Buyer shall not be obligated to make payment to Seller in respect of such Joint Resource until Seller reconciles the error with such third party and Seller re-submits the corrected invoice to Buyer.
- (h) With respect to a Joint Resource, if such Joint Resource's Demonstrated Capacity for a particular type of Product in any Showing Month is less than such Joint Resource's assigned NQC and/or EFC for such type of Product (as set forth in Exhibit C), Seller shall have the right to demonstrate to Buyer the Joint Resource's actual performance, and shall be compensated in accordance with Section 1.6. In the event Buyer finds Seller's demonstration inconclusive, the Joint Resource's total capacity shall be allocated pro-rata among the parties with rights to a portion of such Joint Resource's type of Product based on the information required to be provided in Section 1.6(d), and Seller's compensation shall be calculated using its percentage allocation of such PDR's or RDRR's capacity, accordingly.

4.3. Allocation of Other CAISO Payments and Costs

As between Buyer and Seller, Seller shall retain any revenues Seller or Seller's SC may receive from and pay all costs, penalties, charges charged to Seller or Seller's SC by the CAISO or any other third party in connection with the DRAM Resource, except as expressly provided otherwise in this Agreement.

ARTICLE 5. CREDIT AND COLLATERAL

5.1. Seller's Credit and Collateral Requirements

(a) If, at any time during the Term after CPUC Approval is obtained or waived by Buyer, Seller does not have a Credit Rating, or if its Credit Rating is below BBBfrom S&P and Baa3 from Moody's, if rated by both S&P and Moody's or below BBB- from S&P or Baa3 from Moody's, if rated by either S&P or Moody's, but not both, Seller shall provide and maintain collateral with Buyer in an amount equal to twenty percent (20%) of the sum of the estimated Delivered Capacity Payments for all of the remaining months of the Delivery Period including the current month, with such estimated Delivered Capacity Payments being based on the applicable Monthly Quantity values times the applicable Contract Price ("Performance Assurance").

- (b) If Seller's Credit Rating is at or above BBB- from S&P and Baa3 from Moody's if rated by both S&P and Moody's or at or above BBB- from S&P or Baa3 from Moody's, if rated by either S&P or Moody's, but not both, Seller shall have no obligation to provide Performance Assurance to Buyer, and Sections 5.2 through 5.5 will not be applicable.
- (c) If required pursuant to Section 5.1(a), Seller shall post the Performance Assurance with Buyer within ten (10) Business Days of the Execution Date.

5.2. Grant of Security Interest/Remedies

To secure its obligations under this Agreement, and until released as provided (a) herein, Seller hereby grants to Buyer a present and continuing security interest in, and lien on (and right of setoff against), and collateral assignment of, the Performance Assurance and 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, such Buyer, and each Party agrees to take such action as the other Party reasonably requires in order to perfect Buyer's first-priority security interest in, and lien on (and right of setoff against), such Performance Assurance and collateral and any and all proceeds resulting therefrom or from the liquidation thereof. Upon or any time after the occurrence or deemed occurrence and during the continuation of an Event of Default or an Early Termination Date, Buyer, if it is the Non-Defaulting Party, may do any one or more of the following: (i) exercise any of the rights and remedies of a Buyer with respect to all Performance Assurance, including any such rights and remedies under law then in effect; (ii) exercise its rights of setoff against any and all property of the Defaulting Party in the possession of the Non-Defaulting Party or its agent; (iii) draw on any outstanding Letter of Credit issued for its benefit; and (iv) liquidate all Performance Assurance then held by or for the benefit of Buyer free from any claim or right of any nature whatsoever of the Defaulting Party, including any equity or right of purchase or redemption by the Defaulting Party. In such an event Buyer shall apply the proceeds of the collateral realized upon the exercise of any such rights or remedies to reduce 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.

5.3. Reduction and Substitution of Performance Assurance

(a) If the amount of Performance Assurance held by Buyer exceeds the amount required pursuant to Section 5.1, on any Business Day, Seller may give Notice to Buyer requesting a reduction in the amount of Performance Assurance previously provided by Seller for the benefit of Buyer, provided that, (i) after giving effect to the requested reduction in Performance Assurance, no Event of Default or Potential Event of Default with respect to Seller has occurred and is continuing, and (ii) no Early Termination Date has occurred or been designated as a result of an Event of Default with respect to Seller for which there exist any unsatisfied

payment obligations. A permitted reduction in Performance Assurance may be effected by the Transfer of Cash to Seller or the reduction of the amount of an outstanding Letter of Credit previously issued for the benefit of Buyer. Seller shall have the right to specify the means of effecting the reduction in Performance Assurance. In all cases, the cost and expense of reducing Performance Assurance (including, but not limited to, the reasonable costs, expenses, and attorneys' fees of Buyer) shall be borne by Seller. Unless otherwise agreed in writing by the Parties, (iii) if Seller's reduction demand is made on or before the Notification Time on a Business Day, then Buyer shall have five (5) Business Days to effect a permitted reduction in Performance Assurance, and (iv) if Seller's reduction demand is made after the Notification Time on a Business Day, then Buyer shall have six (6) Business Days to effect a permitted reduction in Performance Assurance, in each case, if such reduction is to be effected by the return of Cash to Seller. If a permitted reduction in Performance Assurance is to be effected by a reduction in the amount of an outstanding Letter of Credit previously issued for the benefit of Buyer, Buyer shall promptly take such action as is reasonably necessary to effectuate such reduction.

- (b) Except when an Event of Default or Potential Event of Default with respect to Seller shall have occurred and be continuing or an Early Termination Date has occurred or been designated as a result of an Event of Default with respect to Seller for which there exist any unsatisfied payment obligations, Seller may substitute Performance Assurance for other existing Performance Assurance of equal value upon five (5) Business Days' Notice (provided such Notice is made on or before the Notification Time, otherwise the notification period shall be six (6) Business Days) to Buyer. Upon the Transfer to Buyer of the substitute Performance Assurance, Buyer shall Transfer the relevant replaced Performance Assurance to Seller within five (5) Business Days. Notwithstanding anything herein to the contrary, no such substitution shall be permitted unless (i) the substitute Performance Assurance is Transferred simultaneously or has been Transferred to Buyer prior to the release of the Performance Assurance to be returned to Seller and the security interest in, and general first lien upon, such substituted Performance Assurance granted pursuant hereto in favor of Buyer shall have been perfected as required by applicable law and shall constitute a first priority perfected security interest therein and general first lien thereon, and (ii) after giving effect to such substitution, the substitute Performance Assurance shall equal the amount of Performance Assurance being replaced. Each substitution of Performance Assurance shall constitute a representation and warranty by Seller that the substituted Performance Assurance shall be subject to and governed by the terms and conditions of this Article 5, including without limitation the security interest in, general first lien on and right of offset against, such substituted Performance Assurance granted pursuant hereto in favor of Buyer pursuant to this Article 5.
- (c) The Transfer of any Performance Assurance by Buyer in accordance with this Section 5.3 shall be deemed a release by Buyer of its security interest, general first lien and right of offset granted pursuant to this Article 5 hereof only with

respect to such returned Performance Assurance. In connection with each Transfer of any Performance Assurance pursuant to this Article 5, Seller will, upon request of Buyer, execute a receipt showing the Performance Assurance Transferred to it.

5.4. Administration of Performance Assurance

- (a) <u>Cash</u>. Performance Assurance provided in the form of Cash to Buyer shall be subject to the following provisions:
 - (i) Notwithstanding the provisions of applicable law, if no Event of Default has occurred and is continuing with respect to Buyer and no Early Termination Date has occurred or been designated as a result of an Event of Default with respect to Buyer for which there exist any unsatisfied payment obligations, then Buyer shall have the right to sell, pledge, rehypothecate, assign, invest, use, commingle or otherwise use in its business any Cash that it holds as Performance Assurance hereunder, free from any claim or right of any nature whatsoever of Seller, including any equity or right of redemption by Seller.
 - So long as no Event of Default or Potential Event of Default with respect (ii) to Seller has occurred and is continuing, and no Early Termination Date for which any unsatisfied payment obligations of Seller exist has occurred or been designated as the result of an Event of Default with respect to Seller, and to the extent that an obligation to Transfer Performance Assurance would not be created or increased by the Transfer, in the event that Buyer is holding Cash, Buyer will Transfer (or caused to be Transferred) to Seller, in lieu of any interest or other amounts paid or deemed to have been paid with respect to such Cash (all of which may be retained by Buyer), the Interest Amount when Buyer returns the Cash to Seller following the termination or expiration of this Agreement, as applicable and in conformity with Section 9.6. On or after the occurrence of a Potential Event of Default or an Event of Default with respect to Seller or an Early Termination Date as a result of an Event of Default with respect to Seller, Buyer shall retain any such Interest Amount as additional Performance Assurance hereunder until the obligations of Seller under the Agreement have been satisfied in the case of an Early Termination Date or for so long as such Event of Default is continuing in the case of an Event of Default.
- (b) <u>Letters of Credit</u>. Performance Assurance provided in the form of a Letter of Credit shall be subject to the following provisions:
 - Each Letter of Credit shall be maintained for the benefit of Buyer. Seller shall (A) renew or cause the renewal of each outstanding Letter of Credit on a timely basis as provided in the relevant Letter of Credit, (B) if the bank or financial institution that issued an outstanding Letter of Credit has

indicated its intent not to renew such Letter of Credit, provide either a substitute Letter of Credit or Cash, in each case at least thirty (30) calendar days prior to the expiration of the outstanding Letter of Credit, and (C) if a bank or financial institution issuing a Letter of Credit shall fail to honor Buyer's properly documented request to draw on an outstanding Letter of Credit, provide for the benefit of Buyer either a substitute Letter of Credit that is issued by a bank or financial institution acceptable to Buyer or Cash, in each case within one (1) Business Day after such refusal.

- (ii) As one method of providing Performance Assurance, Seller may increase the amount of an outstanding Letter of Credit or establish one or more additional Letters of Credit.
- (iii) Upon the occurrence of a Letter of Credit Default, Seller agrees to Transfer to Buyer either a substitute Letter of Credit or Cash, in each case on or before the first (1st) Business Day after the occurrence thereof (or the fifth (5th) Business Day after the occurrence thereof if only clause (a) under the definition of Letter of Credit Default applies).
- (iv) Upon or at any time after the occurrence and continuation of an Event of Default or Letter of Credit Default with respect to Seller, or if an Early Termination Date has occurred or been designated as a result of an Event of Default with respect to Seller for which there exist any unsatisfied payment obligations, then Buyer may draw on the entire, undrawn portion of any outstanding Letter of Credit upon submission to the bank or financial institution issuing such Letter of Credit of one or more certificates specifying that such Event of Default, Letter of Credit Default or Early Termination Date has occurred and is continuing. Cash proceeds received from drawing upon the Letter of Credit shall be deemed Performance Assurance as security for Seller's obligations to Buyer and Buyer shall have the rights and remedies set forth in Section 5.5 with respect to such Cash proceeds. Notwithstanding Buyer's receipt of Cash proceeds of a drawing under the Letter of Credit, Seller shall remain liable (A) for any failure to Transfer sufficient Performance Assurance and (B) for any amounts owing to Buyer and remaining unpaid after the application of the amounts so drawn by Buyer.
- (v) In all cases, the costs and expenses of establishing, renewing, substituting, canceling, and increasing the amount of a Letter of Credit shall be borne by Seller.
- (c) <u>Care of Performance Assurance</u>. Except as otherwise provided in Section 5.4(a)(i) and beyond the exercise of reasonable care in the custody thereof, Buyer shall have no duty as to any Performance Assurance in its possession or control or any income thereon or as to the preservation of rights against prior parties or any other rights pertaining thereto. Buyer shall be deemed to have exercised reasonable care in the custody and preservation of the Performance Assurance in

its possession if the Performance Assurance is accorded treatment substantially equal to that which it accords its own property, and shall not be liable or responsible for any loss or damage to any of the Performance Assurance, or for any diminution in the value thereof, except to the extent such loss or damage is the result of Buyer's willful misconduct or gross negligence. Buyer shall at all times retain possession or control of any Performance Assurance Transferred to it.

5.5. Exercise of Rights against Performance Assurance

- (a) If an Event of Default with respect to Seller has occurred and is continuing or an Early Termination Date has occurred or been designated as a result of an Event of Default with respect to Seller, Buyer may exercise any one or more of the rights and remedies provided under this Agreement, or as otherwise available under Applicable Law. Without limiting the foregoing, if at any time an Event of Default with respect to Seller has occurred and is continuing, or an Early Termination Date occurs or is deemed to occur as a result of an Event of Default with respect to Seller, then Buyer may, in its sole discretion, exercise any one or more of the following rights and remedies:
 - (i) All rights and remedies available to a Buyer under the Uniform Commercial Code and any other applicable jurisdiction and other Applicable Laws with respect to the Performance Assurance held by or for the benefit of Buyer;
 - (ii) The right to set off any Performance Assurance held by or for the benefit of Buyer against and in satisfaction of any amount payable by Seller in respect of any of its obligations; and
 - (iii) The right to draw on any outstanding Letter of Credit issued for its benefit.
- (b) Buyer shall be under no obligation to prioritize the order with respect to which it exercises any one or more rights and remedies available hereunder. Seller shall in all events remain liable to Buyer for any amount payable by Seller in respect of any of its obligations remaining unpaid after any such liquidation, application and set off.

5.6. Financial Information

(a) If requested by a Party, the other Party shall deliver (a) within one hundred twenty (120) days following the end of each fiscal year, a copy of the annual report containing audited consolidated financial statements (income statement, balance sheet, statement of cash flows and statement of retained earnings and all accompanying notes) for such fiscal year setting forth in each case in comparative form the figures for the previous year for the Party, as the case may be, and (b) within sixty (60) days after the end of each of its first three fiscal quarters of each fiscal year, a copy of a quarterly report containing unaudited consolidated financial statements for such fiscal quarter and the portion of the fiscal year through the end of such quarter, setting forth in each case in comparative form the

figures for the previous year, and if the Party files reports with the Securities and Exchange Commission, certified in accordance with all applicable laws and regulations, including without limitation all applicable Securities and Exchange Commission rules and regulations. If the Party does not file reports with the Securities and Exchange Commission, the reports must be certified by a Chief Financial Officer, Treasurer or any Assistant Treasurer as being fairly stated in all material respects (subject to normal year end audit adjustments); *provided*, for the purposes of this Section 5.6, if a Party's financial statements are publicly available electronically on the Securities and Exchange Commission's website, then this requirement shall be deemed satisfied. In all cases the statements shall be for the most recent accounting principles; *provided*, should any such statements not be available on a timely basis due to a delay in preparation or certification, such delay shall not be an Event of Default so long as the relevant entity diligently pursues the preparation, certification and delivery of the statements.

5.7. Access to Financial Information

The Parties agree that Securities and Exchange Commission rules for reporting power purchase agreements may require Buyer to collect and possibly consolidate financial information. If such reporting is required for this Agreement, Buyer is obligated to obtain information from Seller to determine whether or not consolidation is required. If Buyer determines that consolidation is required, Buyer shall require the following during every calendar quarter for the Term of the Agreement:

- (a) Complete financial statements and notes to financial statements, which may include accruals and prior month estimates with true-ups to actual activity;
- (b) Financial schedules underlying the financial statements, all within fifteen (15) days of the end of each quarter; and
- (c) Access to records and personnel, so that Buyer's independent auditor can conduct financial audits (in accordance with generally accepted auditing standards) and internal control audits (in accordance with Section 404 of the Sarbanes-Oxley Act of 2002).

Any information provided to Buyer pursuant to this Section 5.7 shall be treated confidentially and only disclosed on an aggregate basis with other similar entities for which Buyer has contracts. The information will only be used for financial statement purposes and shall not be otherwise shared with internal or external parties.

5.8. Uniform Commercial Code Waiver

This Agreement sets forth the entirety of the agreement of the Parties regarding credit, collateral, financial assurances and adequate assurances. Except as expressly set forth in this Agreement, including, those provisions set forth in Article 5 and Article 9, neither Party:

- (a) has or will have any obligation to post margin, provide Letters of Credit, pay deposits, make any other prepayments or provide any other financial assurances, in any form whatsoever, or
- (b) will have reasonable grounds for insecurity with respect to the creditworthiness of a Party that is complying with the relevant provisions of Article 5 and Article 9; and all implied rights relating to financial assurances arising from Section 2-609 of the Uniform Commercial Code or case law applying similar doctrines, are hereby waived.

ARTICLE 6. SPECIAL TERMS AND CONDITIONS

6.1. Limitation of Liability

Buyer has no obligations to any person or entity that is, or may participate as, a DRAM Resource Customer, DRP (if Seller is not a DRP), or Seller's SC and Seller shall indemnify Buyer against any claim made by any such DRAM Customer, the DRP (if Seller is not a DRP), or Seller's SC with respect to its participation in or with the PDR, RDRR or DRAM Resource, as applicable.

6.2. Buyer Provision of Information

Buyer shall, to the extent available and permitted by Applicable Law, including Rule 24, provide specific information consistent with the CISR-DRP form adopted by the CPUC in D.13-12-029 and Resolution E-4630 including, but not limited to, usage, and/or meter data of a Customer to Seller, if Seller provides to Buyer written authorization from such Customer to release such information. Such written authorization must be provided in a form reasonably acceptable to Buyer. Buyer shall be liable for penalties or charges incurred by Seller from either the CAISO or the CPUC resulting solely from Buyer's failure to provide timely, accurate data to Seller in accordance with this Section 6.2.

6.3. Changes in Applicable Laws

- (a) If a change in Applicable Laws renders this Agreement or any material terms herein incapable of being performed or administered, then either Party, on Notice, may request the other Party to enter into good faith negotiations to make the minimum changes to this Agreement necessary to make this Agreement capable of being performed or administered, while attempting to preserve to the maximum extent possible the benefits, burdens and obligations set forth in this Agreement as of the Execution Date. The Parties acknowledge that such changes may require the approval of the CPUC before becoming effective.
- (b) If the Parties have been unable to reach agreement within thirty (30) days after receipt of such Notice, then either Party may terminate this Agreement by providing Notice. A Party's exercises its rights under this Section 6.3 will not be deemed to be a failure of Seller to sell or deliver the Product or a failure of Buyer to purchase or receive the Product, and will not be or cause an Event of Default by either Party. Neither Party shall have any further obligation or liability to the

other and no Settlement Amount with respect to this Agreement will be due or owing by either Party upon termination of this Agreement due solely to a Party's exercise of its right pursuant to this Section 6.3.

6.4. DBE Reporting

No later than twenty (20) days after each semi-annual period ending on June 30th or December 31st during the Term, Seller shall provide to Buyer a report listing all Diverse Business Enterprises that supplied goods or services to Seller during such period, including any certifications or other documentation of such Diverse Business Enterprises' status as such and the amount paid to each Diverse Business Enterprise during such period.

- (i) Buyer has the right to disclose to the CPUC all such information provided by Seller pursuant to this Section 6.4.
- (ii) Seller shall make reasonable efforts to accommodate requests by the CPUC (or by Buyer in response to a request by the CPUC) to audit Seller in order to verify data provided by Seller pursuant to this Section 6.4.

6.5. Governmental Charges

Seller shall pay on request and indemnify Buyer against any taxes (including without limitation, any applicable transfer taxes and stamp, registration or other documentary taxes), assessments, or charges that may become payable by reason of the security interests, general first lien and right of offset granted under this Agreement or the execution, delivery, performance or enforcement of this Agreement, as well as any penalties with respect thereto.

6.6. Customers in Buyer Automated Demand Response Program

Seller agrees to and acknowledges the following with respect to Buyer's ADR Customers which are included in Seller's DRAM Resource:

- (a) ADR Customers in Buyer's ADR are eligible to participate concurrently in Buyer's ADR and Seller's DRAM Resource, subject to the requirements of this Section 6.6 and this Agreement. The ADR Customer remains responsible for fulfilling its obligations under Buyer's ADR during the time period such ADR Customer is in Seller's DRAM Resource.
- (b) Seller shall be responsible for (i) notification to ADR Customers in its DRAM Resource of each Bid awarded by the CAISO ("Award") for a PDR or RDRR, and (ii) operation of the ADR Customers' ADR equipment to respond to an Award. During the time period that an ADR Customer is enrolled in a DRAM Resource, Buyer will not send notifications to such ADR Customer of Awards and will not operate ADR Customers' ADR equipment.

- (c) If Seller or its DRP enrolls an ADR Customer in Seller's DRAM Resource, Seller shall provide Buyer with Notice within five (5) Business Days of such enrollment of the ADR Customer's enrollment along with the ADR Customer's name, service account address, SAID, location, the ADR agreement, and confirmation that the ADR Customer has unenrolled from all or any of Buyer's event-based demand response programs (other than ADR) prior to enrolling in Seller's DRAM Resource. Seller shall provide Buyer with Notice within fifteen (15) days after an ADR Customer leaves Seller's DRAM Resource.
- (d) ADR Customers in their first year of participation in ADR who enroll in a DRAM Resource will be required to demonstrate performance through the DRAM Resource to qualify for the remaining 40% technology incentive payment of ADR.
- (e) Seller shall notify in writing all of its ADR Customers of the items set forth in this Section 6.6 prior to enrolling such ADR Customers in Seller's DRAM Resource, as applicable pursuant to Section 1.4.
- (f) Buyer may communicate (i) with the Seller's ADR Customers about the ADR Customer's participation in a DRAM Resource and ADR, and (ii) with the ADR Customers with respect to anything involving their participation in ADR.
- (g) Promptly following receipt of Buyer's Notice, Seller shall provide to Buyer all information necessary for Buyer to administer the ADR Customers' participation in Buyer's ADR, including, but not limited to: (i) the information described in Section 6.6(c), (ii) the days in each Showing Month of Dispatch of the applicable PDR or RDRR in the DRAM Resource, (iii) all hours in such Showing Month, corresponding to the days in subsection (ii), when Seller dispatched or called on the ADR Customer to respond to an Award, and (iv) information on ADR Customers that Seller did not dispatch or call on to respond to an Award for such Showing Month. The ADR Customer's participation in the Seller's DRAM Resource as described in this Section 6.6(g) will be used in conjunction with the ADR Customer's participation in Buyer's demand response programs, to calculate the ADR Customer's performance for its approved kW in the ADR.
- (h) If Seller does not provide all the information Buyer needs to administer the ADR Customer's participation in Buyer's ADR, the ADR Customer will be in non-compliance with the requirements of ADR.
- (i) Following the termination or expiration of this Agreement, Buyer may notify the ADR Customers in Seller's DRAM Resource that such ADR Customers need to participate in a utility demand response program, if such ADR Customers are within the first three years of their commitment to ADR as of the date of such termination or expiration.

ARTICLE 7. REPRESENTATIONS, WARRANTIES AND COVENANTS

7.1. Representations and Warranties of Both Parties

On the Execution 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) Except for CPUC Approval in the case of Buyer, it has or will timely acquire all regulatory authorizations necessary for it to legally perform its obligations under this Agreement;
- (c) The execution, delivery and performance of this Agreement are 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 law, rule, regulation, order or the like applicable to it;
- (d) This Agreement constitutes its legally valid and binding obligation, enforceable against it in accordance with its terms;
- (e) It is not Bankrupt and there are not proceedings pending or being contemplated by it or, to its knowledge, threatened against it which would result in it being or become Bankrupt;
- (f) There is not pending or, to its knowledge, threatened against it, any legal proceedings that could materially adversely affect its ability to perform its obligations under this Agreement;
- (g) It (i) is acting for its own account, (ii) 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, (iii) is not relying upon the advice or recommendations of the other Party in so doing, and (iv) is capable of assessing the merits of and understanding, and understands and accepts, the terms, conditions, and risks of this Agreement; and
- (h) It has entered into this Agreement in connection with the conduct of its business and it has the capability or ability to make available or take delivery of, as applicable, the Product under this Agreement in accordance with the terms of this Agreement.

7.2. Additional Seller Representations, Warranties and Covenants

(a) On the Execution Date, Seller represents and warrants to Buyer that Seller has not used, granted, pledged, assigned, or otherwise committed any of the Monthly Quantity to meet the RAR, Local RAR and/or Flexible RAR, as applicable, or confer Resource Adequacy Benefits upon, any entity other than Buyer during the Delivery Period.

- (b) Seller covenants that throughout the Delivery Period:
 - (i) Seller will deliver the Product to Buyer free and clear of all liens, security interests, claims and encumbrances or any interest therein or thereto by any person;
 - Seller has been authorized by each Customer, to act as an aggregator on behalf of such Customer to participate as a PDR or RDRR in the DRAM Resource, if Seller is not also a Customer;
 - (iii) The DRP has been authorized by each Customer to act on behalf of such Customer to participate as a PDR or RDRR for the DRAM Resource, if Seller is not the DRP; and
 - (iv) Seller will not use, grant, pledge, assign, or otherwise commit any Product Monthly Quantity to meet the RAR, Local RAR, and/or Flexible RAR, as applicable, of, or confer Resource Adequacy Benefits of the Product upon, any entity other than Buyer during the Delivery Period;
 - (v) During each month of the Delivery Period, if any participating Customers in the DRAM Resource have Back-up Generation, Seller shall ensure that such Back-up Generation is not used during a Dispatch by any PDR or RDRR providing Product to Buyer during such month. Seller shall use at least one of the following options to demonstrate that participating Customers did not use Back-up Generation during a Dispatch of a PDR or RDRR providing Product to Buyer: (w) provide an attestation with each invoice that no participating Customer in the PDR or RDRR providing Product in the invoiced month used Back-up Generation during a Dispatch; (x) prohibit participating Customers from having Back-up Generation in its DRAM Resource; (y) monitor metering on the participating Customer's DRAM Resource to ensure that no Back-up Generation was used during a Dispatch of a PDR or RDRR providing Product to Buyer; and (z) require, in its agreement with its participating Customers, that no Back-up Generation may be used during a Dispatch of a PDR or RDRR providing Product to Buyer. If the Commission approves a policy and/or requirement dictating an approach for regulating the usage of generation or storage during demand response events on or before the date on which this Agreement is signed by the Parties, then that policy and/or requirement shall apply, and this Agreement shall be modified as directed by the Commission or its staff.
 - (vi) If any respective PDR or RDRR is a Joint Resource, Seller shall ensure that: (x) the use of the Joint Resource does not result in Buyer making payment in respect of Demonstrated Capacity for a type of Product in excess of the total capacity of the Joint Resource, whether to Seller or any other party, regardless of whether payment is made under this Agreement, another agreement in the DRAM II Pilot Program, any other demand

resource agreement or program, or any combination thereof; (y) the use of the Joint Resource does not result in Buyer making payment more than once in respect of capacity relating to a particular customer registered in the Joint Resource, regardless of whether payment is made under this Agreement, another agreement in the DRAM II Pilot Program, any other demand resource agreement or program, or any combination thereof; and (z) Seller has the right to access and provide to Buyer the records and data regarding any DRAM Resource Customer that is not designated by Seller under Section 1.6(d) as part of the amount to be used to show Demonstrated Capacity for a type of Product under this Agreement to permit Buyer to audit such Joint Resource under Section 1.6(g) to the same extent Buyer may audit PDRs or RDRRs that are not Joint Resources.

ARTICLE 8. NOTICES

8.1. Notices

Notices, requests, statements or payments from one Party to the other Party shall be made to the addresses and persons specified in Section 8.2. All Notices, requests, statements or payments from one Party to the other Party shall be made in writing and may be delivered by hand delivery, first class United States mail, overnight courier service, e-mail or facsimile. Notice from one Party to the other Party by e-mail or facsimile (where confirmation of successful transmission is received) shall be deemed to have been received on the day on which it was transmitted (unless transmitted after 5:00 p.m. at the place of receipt or on a day that is not a Business Day, in which case it shall be deemed received on the next Business Day). Notice from one Party to the other Party by hand delivery or overnight delivery shall be deemed to have been received when delivered. A Party may change its contact information by providing Notice of the same in accordance herewith.

8.2. Contact Information

For Buyer:

Billing Representative [Name] Phone: Facsimile: Email:

Supply Plan Contact [Name] Phone: Facsimile: Email:

Contract Representative

Phone: Facsimile: Email:

Settlements

[Name] Phone: Facsimile: Email:

Other Buyer Contact Information

Wire Transfer	Credit and Collections
BNK:	Attn:
ABA:	Phone:
ACCT:	Facsimile:
	Email:

Notices of Event of Default or Potential Event of Default to: [Name] Phone: Facsimile: Email:

For Seller:

Billing Representative [Name] Phone: Facsimile: Email:

Contract Representative [Name]

Phone: Facsimile: Email:

Supply Plan Contact [Name] Phone: Facsimile: Email:

Other Seller Contact Information

Wire Transfer	Credit and Collections
BNK:	Attn:
ABA:	Phone:

ACCT:

Facsimile:

Email:

Notices of Event of Default or Potential Event of Default to: [Name] Phone: Facsimile: Email:

The Parties acknowledge and agree that those persons set forth in this Section 8.2 are designated by each Party as their respective authorized representatives to act on their behalf for the purposes described therein.

ARTICLE 9. EVENTS OF DEFAULT; TERMINATION

9.1. Events of Default

An "Event of Default" shall mean, with respect to a Party ("Defaulting Party"), the occurrence of any of the following:

- (a) With respect to either Party:
 - (i) The failure to make, when due, any payment required to be made to the other Party pursuant to this Agreement, if such failure is not remedied within three (3) Business Days after written Notice of such failure is given by the Non-Defaulting Party;
 - (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 if the representation or warranty is continuing in nature;
 - (iii) The failure to perform any material covenant, obligation, term or condition of this Agreement (except to the extent constituting a separate Event of Default), where such breach is not remedied within five (5) Business Days of Notice of such breach by the Non-Defaulting Party; provided that an occurrence of Demonstrated Capacity for a type of Product being less than Product Monthly Quantity for such type of Product in a Showing Month shall not be a Seller Event of Default.
 - (iv) Such Party becomes Bankrupt; or
 - (v) A Merger Event occurs with respect to such Party.
- (b) With respect to Seller:
 - (i) The failure of Seller to satisfy the collateral requirements set forth in Article 5;

- During the Term, Seller makes any material misrepresentation or omission in any report required to be made or furnished by Seller, the Seller's DRP or the Seller's SC pursuant to this Agreement;
- (iii) During the Delivery Period, Seller sells, assigns, or otherwise transfers, or commits to sell, assign, or otherwise transfer, the Product, or any portion thereof, to any party other than Buyer without Buyer's written consent; or
- (iv) During the Term, the occurrence and continuation of a default, event of default or other similar condition or event (however described) in respect of Seller under one or more agreements or instruments relating to indebtedness for borrowed money (whether present or future, contingent or otherwise), which results in such indebtedness for borrowed money (whether present or future, contingent or otherwise) becoming, or becoming capable at such time of being declared, immediately due and payable under such agreements or instruments, before it would otherwise have been due and payable, or a default by Seller in making one or more payments on the due date thereof in an aggregate amount of not less than [*To be determined*] under such agreements or instruments (after giving effect to any applicable notice requirement or grace period).

9.2. Early Termination

If an Event of Default shall have occurred, the Party taking the default (the "Non-Defaulting Party") has the right:

- (a) To designate by Notice, which will be effective five (5) Business Days after the Notice is given, a day, no later than twenty (20) calendar days after the Notice is effective, for the early termination of this Agreement (an "Early Termination Date");
- (b) Withhold any payments due to the Defaulting Party under this Agreement;
- (c) Suspend performance of this Agreement, but excluding Seller's obligation to post and maintain Performance Assurance in accordance with Article 5; and
- (d) To pursue all remedies available at law or in equity against the Defaulting Party (including monetary damages), except to the extent that such remedies are limited by the terms of this Agreement.

9.3. Termination Payment

(a) As soon as practicable after an Early Termination Date is declared, the Non-Defaulting Party shall provide Notice to the Defaulting Party of the amount of the Termination Payment. The Notice must include a written statement setting forth, in reasonable detail, the calculation of such Termination Payment including the Settlement Amount, together with appropriate supporting documentation.

- (b) If the Termination Payment is positive, the Defaulting Party shall pay such amount to the Non-Defaulting Party within two (2) Business Days after the Notice is provided. If the Termination Payment is negative (i.e., the Non-Defaulting Party owes the Defaulting Party more than the Defaulting Party owes the Non-Defaulting Party), then the Settlement Amount shall be zero dollars (\$0), and the Non-Defaulting Party shall only pay to the Defaulting Party, within thirty (30) days after the Notice is provided, any amounts owed by the Non-Defaulting Party to the Defaulting Party determined as of the Early Termination Date.
- (c) If a Party disputes the other Party's calculation of the Termination Payment, in whole or in part, the disputing Party shall, within two (2) Business Days of receipt of the Party's calculation of the Termination Payment, provide to the other Party a detailed written explanation of the basis for such dispute. Any disputes as to the calculation of the Termination Payment which the Parties are unable to resolve may be submitted to dispute resolution as provided in Article 10.

9.4. Reserved

9.5. Suspension of Performance

Notwithstanding any other provision of this Agreement, if (a) an Event of Default or (b) a Potential Event of Default shall have occurred and be continuing, the Non-Defaulting Party, upon Notice to the Defaulting Party, shall have the right (i) to suspend performance under this Agreement and (ii) to the extent an Event of Default shall have occurred and be continuing to exercise any remedy available at law or in equity.

9.6. Rights and Obligations Surviving Termination or Expiration

The rights and obligations that are intended to survive a termination or expiration of this Agreement are all of those rights and obligations that this Agreement expressly provides survive any such termination or expiration and those that arise from a Party's covenants, agreements, representations, and warranties applicable to, or to be performed, at or during any time before or as a result of the termination or expiration of this Agreement, including:

- (a) A Party's obligation to provide information, including but not limited to Sections 3.3, 5.7, 6.2 and 6.4.
- (b) A Party's obligations with respect to invoices and payments pursuant to this Agreement;
- (c) The obligation of Seller to maintain Performance Assurance as set forth in Section 5.1;
- (d) The obligation of Buyer to return any Performance Assurance under Section 5.3;
- (e) The right to pursue remedies as set forth in Sections 9.2(d) and Article 10;

- (f) The obligations with respect to a Termination Payment as set forth in Section 9.3;
- (g) The dispute resolution provisions of Article 10;
- (h) The indemnity obligations expressly set forth in this Agreement;
- (i) The limitation of liabilities as set forth in Sections 3.5, 6.1 and Article 12; and
- (j) The obligation of confidentiality as set forth in Article 13.

ARTICLE 10. DISPUTE RESOLUTION

10.1. <u>Dispute Resolution</u>.

Mindful of the high costs of litigation, not only in dollars but time and energy as well, the Parties intend to and do hereby establish a final and binding out-of-court dispute resolution procedure to be followed in the event any controversy should arise out of or concerning the performance of the Agreement. Accordingly, it is agreed as follows:

- (a) <u>Negotiation</u>.
 - (i) Except for disputes arising with respect to a Termination Payment, the Parties will attempt in good faith to resolve any controversy or claim arising out of or relating to this Agreement by prompt negotiations between each Party's Contract Representative, as identified on the Cover Sheet hereof, or such other person designated in writing as a representative of the Party ("Manager"). Either Manager may request a meeting (in person or telephonically) to initiate negotiations to be held within ten (10) Business Days of the other Party's receipt such request, at a mutually agreed time and place. If the matter is not resolved within 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, who shall 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 written notice confirming the referral and identifying the name and title of the Executive who will represent the Party.
 - (ii) Within 5 Business Days of the Referral Date the Executives shall establish a mutually acceptable location and date, which date shall not be greater than 30 calendar 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 the relevant information and to attempt to resolve the dispute.
 - (iii) 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.

- (iv) If the matter is not resolved within 45 calendar days of the Referral Date, or if the Party receiving the written request to meet, pursuant to subpart (a) above, refuses or will not meet within 10 Business Days, either Party may initiate mediation of the controversy or claim according to the terms of the following Section 10.1(b).
- (v) If a dispute exists with respect to the Termination Payment, and such dispute cannot be resolved by good faith negotiation of the Parties within 10 Business Days of the Non-Defaulting Party's receipt of the detailed basis for the explanation of the dispute then either Party may refer the matter directly to Arbitration, as set forth in Section 10.1(c) below.
- (b) Mediation. If the dispute (other than a dispute regarding the Termination Payment) cannot be resolved by negotiation as set forth in Section 10(a) above, then either Party may initiate mediation, the first-step of a two-step dispute resolution process, which JAMS, Inc., or its successor entity, a judicial arbitration and mediation service ("JAMS"). As the first step, the Parties agree to mediate any controversy before a commercial mediator from the JAMS panel, pursuant to JAMS's then-applicable commercial mediation rules, in San Francisco, California. Either Party may initiate such a mediation by serving a written demand for mediation. The mediator shall not have the authority to require, and neither Party may be compelled to engage in, any form of discovery prior to or in connection with the mediation. If within sixty (60) days after service of a written demand for mediation, or as extended by mutual agreement of the Parties, the mediation does not result in resolution of the dispute, then the Parties shall resolve such controversy through Arbitration by one retired judge or justice from the JAMS panel, which Arbitration shall take place in San Francisco, California, and which the arbitrator shall administer by and in accordance with JAMS's Commercial Arbitration Rules ("Arbitration"). If the Parties cannot mutually agree on the arbitrator who will adjudicate the dispute, then JAMS shall provide the Parties with an arbitrator pursuant to its then-applicable Commercial Arbitration Rules. The period commencing from the date of the written demand for mediation until the appointment of a mediator shall be included within the sixty (60) day mediation period. Any mediator(s) and arbitrator(s) 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. Either Party may initiate Arbitration by filing with the JAMS a notice of intent to arbitrate within sixty (60) days of service of the written demand for mediation.
- (c) <u>Arbitration</u>.
 - (i) 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.

- (ii) The arbitrator, once chosen, shall consider any transaction tapes or any other evidence which the arbitrator deems necessary, as presented by each Party. In deciding the award, the provisions of this Agreement will be binding on the arbitrator. The arbitrator will deliver his or her decision in writing within 30 days after the conclusion of the Arbitration hearing. The arbitrator shall specify the basis for his or her decision, the basis for the damages award and a breakdown of the damages awarded, and the basis of any other remedy. Except as provided in the Federal Arbitration Act, the decision of the arbitrator will be binding on and non-appealable by the Parties. Each Party agrees that any arbitration award against it may be enforced in any court of competent jurisdiction and that any Party may authorize any such court to enter judgment on the arbitrator's decision.
- (iii) The arbitrator shall have no authority to award punitive or exemplary damages or any other damages other than direct and actual damages.
- (iv) Any expenses incurred in connection with hiring the arbitrators and performing the Arbitration shall be shared and paid equally between the Parties. Each Party shall bear and pay its own expenses incurred by each in connection with the Arbitration, unless otherwise included in a solution chosen by the Arbitration panel. In the event either Party must file a court action to enforce an arbitration award under this Article, the prevailing Party shall be entitled to recover its court costs and reasonable attorney fees.
- (v) In the event the Parties choose to litigate any matter hereunder, the Parties hereby waive the right to jury trial.
- (vi) Except as may be required by Applicable Law, the existence, contents or results of any Arbitration hereunder may not be disclosed by a Party or the arbitrator without the prior written consent of both Parties.

10.2. Provisional Relief

The Parties acknowledge and agree that irreparable damage would occur if certain provisions of this Agreement are not performed in accordance with the terms of this

Agreement, that money damages would not be a sufficient remedy for any breach of these provisions of this Agreement, and that the Parties shall be entitled, without the requirement of posting a bond or other security, to seek a preliminary injunction, temporary restraining order, or other provisional relief as a remedy for a breach of Article 13 in any court of competent jurisdiction, notwithstanding the obligation to submit all other Disputes (including all claims for monetary damages under this Agreement) to arbitration pursuant to this Article 10. The Parties further acknowledge and agree that the results of the Arbitration may be rendered ineffectual without the provisional relief.

Such a request for provisional relief does not waive a Party's right to seek other remedies for the breach of the provisions specified above in accordance with Article 10, notwithstanding any prohibition against claim-splitting or other similar doctrine. The other remedies that may be sought include specific performance and injunctive or other equitable relief, plus any other remedy specified in this Agreement for the breach of the provision, or if the Agreement does not specify a remedy for the breach, all other remedies available at law or equity to the Parties for the breach.

ARTICLE 11. INDEMNIFICATION

11.1. Seller's Indemnification Obligations

- (a) In addition to any other indemnification obligations Seller may have elsewhere in this Agreement, which are hereby incorporated in this Section 11.1, Seller releases, and shall indemnify, defend and hold harmless Buyer, and Buyer's directors, officers, employees, agents, assigns, and successors in interest, from and against any and all loss, liability, damage, claim, cost, charge, demand, penalty, fine or expense of any kind or nature (including any direct, damage, claim, cost, charge, demand, or expense, and attorneys' fees (including cost of inhouse counsel) and other costs of litigation, arbitration or mediation, and in the case of third-party claims only, indirect or consequential loss or damage of such third-party), arising out of or in connection with:
 - (i) any breach made by Seller of its representations, warranties and covenants in Article 7 or any payment disputes resulting from the use of a Joint Resource;
 - (ii) Seller's failure to fulfill its obligations regarding Resource Adequacy Benefits as set forth in Article 3;
 - (iii) any violation of Applicable Law arising out of or in connection with Seller's performance of, or failure to perform this Agreement;
 - (iv) injury or death to persons, including Buyer employees, and physical damage to property, including Buyer property, where the damage arises out of, is related to, or is in connection with, Seller's obligations or performance under this Agreement.

This indemnity applies notwithstanding Buyer's active or passive negligence; *provided*, Buyer will not be indemnified for its loss, liability, damage, claim, cost, charge, demand or expense to the extent caused by its gross negligence or willful misconduct.

11.2. Indemnification Claims

All claims for indemnification by Buyer will be asserted and resolved as follows:

If a claim or demand for which Buyer may claim indemnity is asserted against or sought to be collected from Seller by a third party, Buyer shall as promptly as practicable give Notice to Seller; *provided*, failure to provide this Notice will relieve Seller only to the extent that the failure actually prejudices Seller.

- (a) Seller will have the right to control the defense and settlement of any claims in a manner not adverse to Buyer but cannot admit any liability or enter into any settlement without Buyer's approval.
- (b) Buyer may employ counsel at its own expense with respect to any claims or demands asserted or sought to be collected against it; *provided*, if counsel is employed due to a conflict of interest or because Seller does not assume control of the defense, Seller will bear the expense of this counsel.

ARTICLE 12. LIMITATION OF REMEDIES, LIABILITY, AND DAMAGES

EXCEPT AS SET FORTH HEREIN WITH RESPECT TO THE PRODUCT, THERE ARE NO WARRANTIES BY EITHER PARTY UNDER THIS AGREEMENT, INCLUDING ANY 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 WILL BE THE SOLE AND EXCLUSIVE REMEDY, THE OBLIGOR'S LIABILITY WILL 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.

SUBJECT TO SECTION 9.3, IF NO REMEDY OR MEASURE OF DAMAGES IS EXPRESSLY PROVIDED HEREIN, THE OBLIGOR'S LIABILITY WILL BE LIMITED TO DIRECT ACTUAL DAMAGES ONLY, SUCH DIRECT ACTUAL DAMAGES WILL BE THE SOLE AND EXCLUSIVE REMEDY AND ALL OTHER REMEDIES OR DAMAGES AT LAW OR IN EQUITY ARE WAIVED.

UNLESS EXPRESSLY PROVIDED IN THIS AGREEMENT, INCLUDING WITHOUT LIMITATION THE PROVISIONS OF ARTICLE 11 (INDEMNITY), NEITHER PARTY

WILL 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.

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.

NOTHING IN THIS ARTICLE PREVENTS, OR IS INTENDED TO PREVENT BUYER FROM PROCEEDING AGAINST OR EXERCISING ITS RIGHTS WITH RESPECT TO ANY PERFORMANCE ASSURANCE.

ARTICLE 13. CONFIDENTIALITY

13.1. Confidentiality Obligation

Neither Party shall disclose the terms or conditions of this Agreement to a third party (other than the Party's or the Party's Affiliates' officers, directors, employees, lenders, counsel, accountants, advisors, or Rating Agencies, who have a need to know such information and have agreed to keep such terms confidential) except (a) in order to comply with any Applicable Law, summons, subpoena, exchange rule, or accounting disclosure rule or standard, or to make any showing required by any applicable Governmental Body other than as set forth in Sections 13.1(e) and (f); (b) to the extent necessary for the enforcement of this Agreement; (c) as may be obtained from a nonconfidential source that disclosed such information in a manner that did not violate its obligations to the non-disclosing Party in making such disclosure; (d) to the extent such information is or becomes generally available to the public prior to such disclosure by a Party; (e) when required to be released in connection with any regulatory proceeding (provided that the releasing Party makes reasonable efforts to obtain confidential treatment of the information being released); (f) with respect to Buyer, as may be furnished to its duly authorized Governmental Bodies, including without limitation the Commission and all divisions thereof, to Buyer's Procurement Review Group, a group of participants including members of the Commission and other governmental agencies and consumer groups established by the Commission in Commission decisions 02-08-071 and 03-06-071, and to Buyer's Cost Allocation Mechanism Group established by the CPUC in D.07-12-052, or (g) Seller may disclose the transfer of the Monthly Quantity under this Agreement to its SC in order for such SC to timely submit accurate Supply Plans. The existence of this Agreement is not subject to this confidentiality obligation; provided,

neither Party shall make any public announcement relating to this Agreement unless required pursuant to subsection (a) or (e) of the foregoing sentence of this Article 13.

13.2. Obligation to Notify

In connection with discovery requests or orders pertaining confidential information in connection with this Agreement as referenced in Section 13.1(a) ("Disclosure Order") each Party shall, to the extent practicable, use reasonable efforts to:

- (a) Notify the other Party before disclosing the Confidential Information; and
- (b) Prevent or limit such disclosure.

After using such reasonable efforts, the Disclosing Party will not be:

- (c) Prohibited from complying with a Disclosure Order; or
- (d) Liable to the other Party for monetary or other damages incurred in connection with the disclosure of the Confidential Information.

13.3. Remedies; Survival

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. With respect to information provided in connection with this Agreement, this obligation shall survive for a period of three (3) years following the expiration or termination of this Agreement.

ARTICLE 14. 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 (the "Claiming Party") gives notice and details of the Force Majeure to the other Party as soon as practicable, then, unless the terms of the Product specify otherwise, the Claiming Party shall be excused from the performance of its obligations with respect to this Agreement (other than the obligation to make payments then due or becoming due with respect to performance prior to the Force Majeure). The Claiming Party shall remedy the Force Majeure with all reasonable dispatch. The non-Claiming Party shall not be required to perform or resume performance of its obligations to the Claiming Party corresponding to the obligations of the Claiming Party excused by Force Majeure.

ARTICLE 15. MISCELLANEOUS

15.1. General

(a) 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.

- (b) The term "including," when used in this Agreement, shall be by way of example only and shall not be considered in any way to be in limitation.
- (c) The headings used herein are for convenience and reference purposes only.
- (d) Each Party agrees that it will not assert, or defend itself, on the basis that any applicable tariff is inconsistent with this Agreement.
- (e) Words having well-known technical or industry meanings have these meanings unless otherwise specifically defined in this Agreement.
- (f) Whenever this Agreement specifically refers to any Applicable Law, tariff, government department or agency, or Rating Agency, the Parties hereby agree that the reference also refers to any successor to such law, tariff or organization.
- (g) Nothing in this Agreement relieves either Party from, or modifies, any obligation or requirement that exists in any Applicable Law, tariff, rule, or regulation.
- (h) The Parties acknowledge and agree that this Agreement and the transactions contemplated by this Agreement constitute a "forward contract" within the meaning of the Bankruptcy Code and that Buyer and Seller are each "forward contract merchants" within the meaning of the Bankruptcy Code.

15.2. Governing Law and Venue

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 LAWS. EACH PARTY WAIVES ITS RESPECTIVE RIGHT TO ANY JURY TRIAL WITH RESPECT TO ANY DISPUTE ARISING UNDER OR IN CONNECTION WITH THIS AGREEMENT.

15.3. Amendment

This Agreement can only be amended by a writing signed by both Parties.

15.4. Assignment

Neither Party shall assign this Agreement or its rights hereunder, as the case may be, without the prior written consent of the other Party, which consent may not be unreasonably withheld; *provided*, either Party may, without the consent of the other Party (and without relieving itself from liability hereunder), (i) transfer, sell, pledge, encumber or assign this Agreement or the accounts, revenues or proceeds hereof or thereof, as the case may be, in connection with any financing or other financial arrangements to any person or entity whose creditworthiness is equal to or higher than that of such Party, (ii) transfer or assign this Agreement to an Affiliate of such Party which Affiliate's creditworthiness is equal to or higher than that of such Party, or (iii) transfer or assign

this Agreement to any person or entity succeeding to all or substantially all of the assets of such Party and whose creditworthiness is equal to or higher than that of such Party; *provided*, in each such case, any such assignee shall agree in writing to be bound by the terms and conditions hereof and so long as the transferring Party delivers such tax and enforceability assurance as the non-transferring Party may reasonably request.

15.5. Successors and Assigns

This Agreement shall be binding upon and inure to the benefit of, the Parties and their respective successors and assigns. This Agreement is not intended to confer any rights or remedies upon any other persons other than the Parties.

15.6. Waiver

None of the provisions of this Agreement shall be considered waived by either Party unless the Party against whom such waiver is claimed gives the waiver in writing. The failure of either Party to insist in any one instance upon strict performance of any the provisions of this Agreement or to take advantage of any of its rights hereunder shall not be construed as a waiver of any such provisions or the relinquishments of such rights for the future but the same shall continue and remain in full force and effect. Waiver by either Party of any default of the other Party shall not be deemed a waiver of any other default.

15.7. No Agency

Except as otherwise provided explicitly herein, in performing their respective obligations under this Agreement, neither Party is acting, or is authorized to act, as the other Party's agent.

15.8. No Third-Party Beneficiaries

This Agreement shall not impart any rights enforceable by any third party (other than a permitted successor or assignee bound by this Agreement).

15.9. Entire Agreement

This Agreement, when fully executed, constitutes the entire agreement by and between the Parties as to the subject matter hereof, and supersedes all prior understandings, agreements or representations by or between the Parties, written or oral, to the extent they have related in any way to the subject matter hereof. Each Party represents that, in entering into this Agreement, it has not relied upon any promise, inducement, representation, warranty, agreement or other statement not set forth in this Agreement.

15.10. Severability

If any term, section, provision or other part of this Agreement, or the application of any term, section, provision or other part of this Agreement, is held to be invalid, illegal or void by a court or regulatory agency of proper jurisdiction, all other terms, sections,

provisions or other parts of this Agreement shall not be affected thereby but shall remain in force and effect unless a court or regulatory agency holds that the provisions are not separable from all other provisions of this Agreement.

15.11. Multiple Originals

This Agreement may be executed in multiple counterparts, each of which shall be deemed an original. Any signature page of this Agreement may be detached from any counterpart of this Agreement without impairing the legal effect of any of the signatures thereon, and may be attached to another counterpart of this Agreement identical in form hereto by having attached to it one or more signature pages.

15.12. Mobile Sierra

Notwithstanding any provision of this Agreement, neither Party shall seek, nor shall they support any third party seeking, to prospectively or retroactively revise the rates, terms or conditions of service of this Agreement through application or complaint to the FERC pursuant to the provisions of the Federal Power Act, absent prior written agreement of the Parties. Further, absent the prior written 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" standard of review set forth in *United States Gas Pipe Line Co. v. Mobile Gas Service Corp., 350 U.S. 332 (1956) and Federal Power Commission v. Sierra Pacific Power Co., 350 U.S. 348 (1956).*

15.13. Performance Under this Agreement

Each Party and its representatives shall maintain records and supporting documentation relating to this Agreement, and the performance of the Parties hereunder in accordance with, and for the applicable time periods required by, all Applicable Laws.

[Remainder of Page Intentionally Left Blank]

IN WITNESS WHEREOF, the Parties have caused this Agreement to be duly executed as of the Execution Date.

PACIFIC GAS AND ELECTRIC COMPANY	[SELLER]
By:	By:
Name:	Name:
Title:	Title:
Date:	Date:

EXHIBIT A

DEFINITIONS

As used in this Agreement, the following terms shall have the meanings set forth below:

"<u>Affiliate</u>" means with respect to a Party, any entity which directly or indirectly controls, is controlled by, or is under a common control with that Party For purposes of this definition, "control" (including, with correlative meaning, the terms "controlling", "controlled by" and "under common control with"), shall mean the possession, directly or indirectly, of the power to direct or cause the direction of the management or policies through the ownership of voting securities, by agreement or otherwise.

"<u>Agreement</u>" hast the meaning in the Preamble.

"<u>Applicable Laws</u>" means all constitutions, treaties, laws, ordinances, rules, regulations, interpretations, permits, judgments, decrees, injunctions, writs and orders of any Governmental Body that apply to either or both of the Parties, the DRP, the PDR or the terms of this Agreement.

"<u>Arbitration</u>" has the meaning set forth in Section 10.1(b).

"<u>Audit Notice</u>" has the meaning set forth in Section 1.6(g).

"<u>Automated Demand Response</u>" or "<u>ADR</u>" is Buyer's demand response program offering Customers an incentive to install automated communication equipment and associated software that enhances their ability to reduce load during Buyer's demand response program events. For purposes ADR, Seller's participation in the CAISO Markets pursuant to this Agreement is a Buyer demand response program, pursuant to the September 24, 2015 disposition letter from Commission staff. The CPUC approved the ADR programs by Decision 12-04-045 and Decision 14-05-025.

"<u>Automated Demand Response Customer</u>" or "<u>ADR Customer</u>" is a Non-Residential Customer that has installed the ADR equipment under Buyer's ADR and received, at minimum, approval from Buyer that it has been approved for its first (60%) incentive payment.

"<u>Award</u>" has the meaning set forth in Section 6.6(a).

"<u>Back-up Generation</u>" means fossil-fueled back-up generation owned or used by a Customer including but not limited to the following: (i) distributed generation technologies using diesel, natural gas, gasoline, propane or liquefied petroleum gas, whether or not in a combined heat and power configuration. Back-up Generation does not include energy storage systems; provided such energy storage systems meet the greenhouse gas emission factor thresholds in effect from time to time under the CPUC's Self-Generation Incentive Program.

"<u>Bankrupt</u>" means with respect to any entity, such entity (i) 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, or has any such petition filed or

commenced against it, (ii) makes an assignment or any general arrangement for the benefit of creditors, (iii) otherwise becomes bankrupt or insolvent (however evidenced), (iv) 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 (v) is generally unable to pay its debts as they fall due.

"<u>Bankruptcy Code</u>" means the United States Bankruptcy Code (11 U.S.C. §101 *et seq.*), as amended, and any successor statute.

"Bid" shall have the meaning in the CAISO Tariff.

"<u>Bundled Service Customer</u>" means a customer of Buyer as a utility distribution company who takes bundled services from Buyer as a utility distribution company including having all its power requirements purchased by Buyer.

"<u>Business Day</u>" means a day that is not a Saturday, Sunday, a Federal Reserve Bank holiday, or the Friday immediately following the U.S. Thanksgiving holiday. A Business Day shall open at 8:00 a.m. and close at 5:00 p.m. local time for the relevant Party's principal place of business. 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.

"<u>Buyer</u>" has the meaning set forth in the preamble.

"<u>CAISO</u>" means the California Independent System Operator or any successor entity performing the same functions.

"CAISO Markets" has the meaning set forth in the CAISO Tariff.

"<u>CAISO Tariff</u>" means the tariff and protocol provisions, including any current CAISOpublished "Operating Procedures" and "Business Practice Manuals," as amended or supplemented from time to time, of the CAISO.

"<u>Capacity Baseline</u>" means the CAISO baseline as applicable to the PDR(s) or RDRR(s) in the DRAM Resource, as specified in the CAISO Tariff.

"Capacity Procurement Mechanism" has the meaning set forth in the CAISO Tariff.

"Cash" means U.S. Dollars held by or on behalf of Buyer as Performance Assurance hereunder.

"<u>Cash Interest Rate</u>" means the Federal Funds Effective Rate - the rate per annum equal to the "Monthly" Federal Funds Rate (as reset on a monthly basis based on the latest month for which such rate is available) as reported in Federal Reserve Bank Publication H.15-519, or its successor publication.

"Claiming Party" has the meaning set forth in Article 14.

"<u>Commission</u>" or "<u>CPUC</u>" means the California Public Utilities Commission, and all divisions thereof, or any successor thereto.

"<u>Compliance Showings</u>" means the (i) RAR compliance or advisory showings (or similar or successor showings), in each case, an LSE is required to make to the CPUC (and, to the extent authorized by the CPUC, to the CAISO) pursuant to the CPUC Decisions, to the CAISO pursuant to the CAISO Tariff, or to any Governmental Body having jurisdiction.

"<u>Contract Price</u>" means the price for each type of Product as specified in Exhibit E for each Showing Month.

"CPM Capacity" has the meaning set forth in the Tariff.

"<u>CPUC Approval</u>" means a decision of the CPUC that (i) is final and no longer subject to appeal, which approves the Agreement in full and in the form presented on terms and conditions acceptable to both Parties, including without limitation terms and conditions related to cost recovery and cost allocation of amounts paid to Seller under the Agreement; (ii) does not contain conditions or modifications unacceptable to both Parties; and (iii) finds that any procurement pursuant to this Agreement satisfies the requirement to procure preferred resources under Commission Decision 13-02-015.

"<u>CPUC Decisions</u>" means Commission Decisions 04-01-050, 04-10-035, 05-10-042, 06-04-040, 06-06-031, 06-06-064, 06-07-031, 07-06-029, 08-06-031, 09-06-028, 09-12-053, 10-06-036, 10-12-038, 11-06-022, 11-10-003, 12-06-025, 13-02-006, 13-04-013, 13-06-024, 14-03-026, 14-06-050, 14-12-024, 15-02-007, 15-06-063, and any other existing or subsequent decisions, resolutions, or rulings related to resource adequacy, including, without limitation, the CPUC Filing Guide, in each case as may be amended from time to time by the CPUC.

"<u>CPUC Filing Guide</u>" is the 2016 annual document issued by the Commission which sets forth the guidelines, requirements and instructions for LSE's to demonstrate compliance with the Commission's resource adequacy program.

"<u>Credit Rating</u>" means, with respect to any entity, (a) the rating then assigned to such entity's unsecured senior long-term debt obligations (not supported by third party credit enhancements), or (b) if such entity does not have a rating for its unsecured senior long-term debt obligations, then the rating assigned to such entity as an issuer rating by S&P and/or Moody's. If the entity is rated by both S&P and Moody's and such ratings are not equivalent, the lower of the two ratings shall determine the Credit Rating. If the entity is rated by either S&P or Moody's, but not both, then the available rating shall determine the Credit Rating.

"<u>Customer</u>" means a person or entity that is either a: (i) Bundled Service Customer; (ii) community choice aggregation customer or direct access customer who would otherwise be eligible to be a Bundled Service Customer; or (iii) Unbundled Service Customer.

"Customer Data Access Systems" has the meaning described in CPUC Decision 13-09-025.

"Day-Ahead Market" has the meaning set forth in the CAISO Tariff.

"Day-Ahead Schedule" has the meaning set forth in the CAISO Tariff.

"Defaulting Party" has the meaning set forth in Section 9.1.

"<u>Delivered Capacity Payment</u>" has the meaning described in and is calculated pursuant to Section 4.1.

"Delivery Period" has the meaning set forth in Section 1.3.

"Demand Response Provider" or "DRP" has the meaning in the CAISO Tariff.

"Demonstrated Capacity" has the meaning set forth in Section 1.6(a).

"<u>Dispatch</u>" means the act of reducing all or a portion of the electrical consumption of the PDR pursuant to a Dispatch Instruction.

"Dispatch Instruction" has the meaning in the CAISO Tariff.

"<u>Diverse Business Enterprises</u>" or "<u>DBE</u>" means Women, Minority, Disabled Veteran (WMDV) and Lesbian, Gay, Bisexual and Transgender (LGBT) Business Enterprises as defined in CPUC General Order 156.

"<u>DRAM II Pilot Program</u>" means the program during 2017 for the Product as described in CPUC D.14-03-026 and D.14-12-024.

"<u>DRAM Resource</u>" means the PDR(s) or RDRR(s) that Seller identifies pursuant to Section 1.4 that will provide Product to Buyer.

"<u>DRAM Resource Customer</u>" is a Bundled Service Customer and/or Unbundled Service Customer account at the Service Account Identification level that is included in the DRAM Resource.

"<u>Early Termination Date</u>" has the meaning set forth in Section 9.2(a).

"EFC" shall mean Effective Flexible Capacity as defined in the CAISO Tariff.

"Event of Default" has the meaning set forth in Section 9.1.

"Execution Date" has the meaning set forth in the preamble.

"FERC" means the Federal Energy Regulatory Commission, or any division thereof.

"<u>Flexible Capacity</u>" means any and all flexible resource adequacy attributes associated with the PDR(s) or RDRRs designated by Seller pursuant to Section 1.4, as such attributes may be identified from time to time by the CPUC, CAISO, or other Governmental Body having jurisdiction, that can be counted toward Flexible RAR, and which may be (i) exclusive of Local Capacity and (ii) be in Flexible Category 2 or 3 as described in the CAISO Tariff.

"<u>Flexible RAR</u>" means the flexible resource adequacy requirements established for LSEs by the CPUC pursuant to the CPUC Decisions, or by any other Governmental Body having jurisdiction.

"<u>Force Majeure</u>" means an event or circumstance which prevents one Party from performing its obligations under this Agreement, which event or circumstance was not anticipated as of the Execution Date, which is not within the reasonable control of, or the result of the negligence of, the Claiming Party, and which, by the exercise of due diligence, the Claiming Party is unable to overcome or avoid or cause to be avoided. Force Majeure shall not be based on (i) the loss of Buyer's markets; (ii) Buyer's inability economically to use or resell the Product purchased hereunder; (iii) the loss or failure of Seller's supply; (iv) Seller's ability to sell the Product at a greater price; (v) a failure of performance of any other entity that is not a Party, except to the extent that such failure was caused by an event that would otherwise qualify as a Force Majeure was caused by an event that would otherwise qualify as a Force Majeure was caused by an event that would otherwise qualify as a Force Majeure was caused by an event that would otherwise qualify as a Force Majeure was caused by an event that would otherwise qualify as a Force Majeure was caused by an event that would otherwise qualify as a Force Majeure was caused by an event that would otherwise qualify as a Force Majeure was caused by an event that would otherwise qualify as a Force Majeure was caused by an event that would otherwise qualify as a Force Majeure was caused by an event that would otherwise qualify as a Force Majeure was caused by an event that would otherwise qualify as a Force Majeure was caused by an event that would otherwise qualify as a Force Majeure was caused by an event that would otherwise qualify as a Force Majeure was caused by an event that would otherwise qualify as a Force Majeure event.

"<u>Governmental Body</u>" means any federal, state, local, municipal or other government; any governmental, regulatory or administrative agency, commission or other authority lawfully exercising or entitled to exercise any administrative, executive, judicial, legislative, police, regulatory or taxing authority or power; and any court or governmental tribunal.

"<u>Interest Amount</u>" means with respect to a Party and an Interest Period, the sum of the daily interest amounts for all days in such Interest Period; each daily interest amount to be determined by such Party as follows: (i) the amount of Cash held by such Party on that day; multiplied by (ii) the Cash Interest Rate for that day, divided by (iii) 360.

"Interest Period" means the period from (and including) the last Business Day on which an Interest Amount was Transferred by a Party (or if no Interest Amount has yet been Transferred by such Party, the Business Day on which Cash was Transferred to such Party) to (but excluding) the Business Day on which the current Interest Amount is to be Transferred.

"JAMS" has the meaning set forth in Article 10.

"Joint Resource" means respectively a PDR or RDRR which includes DRAM Resource Customers registered by the Seller (or its DRP) and other customers registered by another aggregator (or its DRP) who are not considered part of the respective PDR or RDRR for purposes of meeting Seller's obligations under this Agreement.

"<u>LCA Customers</u>" means a Customer that either (i) directly takes or receives electricity services from Buyer's LCA or (ii) directly takes or receives electricity services from a lower voltage substation that electrically connects to Buyer's LCA.

"<u>Letter of Credit</u>" means an irrevocable, non-transferable standby letter of credit, the form of which must be substantially as contained in Exhibit B attached hereto; provided that, the issuer must be a Qualified Institution.

"<u>Letter of Credit Default</u>" means with respect to a Letter of Credit, the occurrence of any of the following events: (a) the issuer of such Letter of Credit shall fail to maintain a Credit Rating of at least (i) "A"-, with a stable outlook designation from S&P and A3, with a stable outlook

designation from Moody's, if such issuer is rated by both S&P and Moody's, (ii) "A-" by S&P with a stable outlook designation, if such issuer is rated only by S&P, or (iii) "A3" by Moody's with a stable outlook designation, if such issuer is rated only by Moody's; (b) the issuer of the Letter of Credit shall fail to comply with or perform its obligations under such Letter of Credit; (c) the issuer of such Letter of Credit shall disaffirm, disclaim, repudiate or reject, in whole or in part, or challenge the validity of, such Letter of Credit; (d) such Letter of Credit shall expire or terminate, or shall fail or cease to be in full force and effect at any time during the term of the Agreement, in any such case without replacement; or (e) the issuer of such Letter of Credit shall become Bankrupt; provided, however, that no Letter of Credit Default shall occur or be continuing in any event with respect to a Letter of Credit after the time such Letter of Credit is required to be canceled or returned to a Party in accordance with the terms of this Agreement.

"Local Capacity" means any and all resource adequacy attributes or other locational attributes associated with the PDR(s) or RDRRs designated by Seller and comprised of LCA Customers pursuant to Section 1.4, from a Local Capacity Resource (as defined in CAISO Tariff) in Buyer's Local Capacity Area, as applicable and as such attributes may be identified from time to time by the CPUC, CAISO, or other Governmental Body having jurisdiction, that can be counted toward Local RAR, which may be exclusive of any Flexible Capacity, as applicable to the Product.

"<u>Local Capacity Area</u>" or "<u>LCA</u>" means the areas where LCA Customers are electrically interconnected to any of the PG&E LCA Substations.

"Local RAR" means the local resource adequacy requirements established for LSEs by the CPUC pursuant to the CPUC Decisions, or by any other Governmental Body having jurisdiction. Local RAR may also be known as local area reliability, local resource adequacy, local resource adequacy procurement requirements, or local capacity requirement in other regulatory proceedings or legislative actions.

"LSE" means load-serving entity.

"<u>Merger Event</u>" means, with respect to a Party, that such Party consolidates or amalgamates with, merges into or with, or transfers substantially all its assets to another entity and (i) the resulting entity fails to assume all the obligations of such Party hereunder, or (ii) the resulting entity's creditworthiness is materially weaker than that of such Party immediately prior to such action. The creditworthiness of the resulting entity shall not be deemed to be 'materially weaker' so long as the resulting entity maintains a Credit Rating of at least that of the applicable Party, as the case may be, immediately prior to the consolidation, merger or transfer.

"<u>Monthly Quantity</u>" means the aggregate amount of all Product Monthly Quantities set forth in Exhibit E that Seller has agreed to provide to Buyer from the DRAM Resource for each day of the respective Showing Months for the respective types of Product.

"Moody's" means Moody's Investor Services, Inc. or its successor.

"<u>Must-Offer Obligation</u>" or "<u>MOO</u>" means Seller's obligation to Bid or cause Seller's SC to Bid the DRAM Resource into the CAISO Markets based on the type of Product and in accordance with the CAISO Tariff.

"NQC" shall mean Net Qualifying Capacity as defined in the CAISO Tariff.

"Notification Time" means the 10:00 a.m. Pacific Prevailing Time on a Business Day.

"<u>Non-Defaulting Party</u>" has the meaning set forth in Section 9.2.

"Notice" means notices, requests, statements or payments provided in accordance with Article 8.

"<u>Performance Assurance</u>" has the meaning set forth in Section 5.1(a). Performance Assurance must be in the form of Cash or Letter of Credit. Any Cash received and held by Buyer after drawing on any Letter of Credit will constitute Performance Assurance in the form of Cash.

"<u>PG&E LCA Substations</u>" means the substations located in Buyer's service territory as designated in EXHIBIT F and corresponding to the following LCAs as designated on EXHIBIT F: Kern, Stockton, Sierra, Other, North Coast/North Bay, Humboldt, Greater Fresno Area, and/or Greater Bay Area.

"<u>Potential Event of Default</u>" means an event which, with Notice or passage of time or both, would constitute an Event of Default.

"Procurement Review Group" has the meaning set forth in Article 13.

"<u>Product</u>" means any or all of System Capacity, Local Capacity and/or Flexible Capacity. The particular type of Product sold by Seller to Buyer under this Agreement is specified in Table 1.1(b).

"Proxy Demand Resource" or "PDR" has the meaning in the CAISO Tariff.

"<u>Product Monthly Quantity</u>" means the respective amount of each type of Product set forth in Exhibit E that Seller has agreed to provide to Buyer from the DRAM Resource for each day of the respective Showing Months.

"<u>Qualified Institution</u>" means either a U.S. commercial bank, or a U.S. branch of a foreign bank acceptable to Buyer in its sole discretion; and in each case such bank must have a Credit Rating of at least: (a) "A-, with a stable designation" from S&P and "A3, with a stable designation" from Moody's, if such bank is rated by both S&P and Moody's; or (b) "A-, with a stable designation" from S&P or "A3, with a stable designation" from Moody's, if such bank is rated by both, even if such bank was rated by both S&P and Moody's as of the date of issuance of the Letter of Credit but ceases to be rated by either, but not both of those Ratings Agencies.

"<u>RAR</u>" means the resource adequacy requirements established for LSEs by the Commission pursuant to the CPUC Decisions, the CAISO pursuant to the CAISO Tariff, or by any other Governmental Body having jurisdiction, or successor program requirements.

"Ratings Agency" means any of S&P, Moody's, and Fitch (collectively the 'Ratings Agencies').

"Reliability Demand Response Resource" or "RDRR" has the meaning in the CAISO Tariff.

"Resource Adequacy Benefits" has the meaning in the CPUC Decisions.

"Resource ID" has the meaning in the CAISO Tariff.

"<u>Residential Customer</u>" means a DRAM Resource Customer whose dwelling is single-family units, multi-family units, mobile homes, or other similar living establishments .

"<u>Residential Customer Product</u>" means Product that is comprised solely of Residential Customers and Small Commercial Customers; *provided* that the percentage of Residential Customers in the PDR(s) constituting the DRAM Resource is equal to or greater than ninety percent (90%). Where multiple PDRs, or portions thereof, are used to meet Seller's Demonstrated Capacity obligations, the percentage requirements apply in the aggregate, based on the total number of PDR Customer service accounts in the DRAM Resource used to show Demonstrated Capacity.

"<u>Revenue Quality Meter Data</u>" means Interval Meter Data that has been validated, edited, and estimated in accordance with the Direct Access Standards for Metering and Meter Data as described in Rule 22.

"<u>Rule 24</u>" means Direct Participation Demand Response: http://www.pge.com/includes/docs/pdfs/mybusiness/energysavingsrebates/demandresponse/dram /ELEC_RULES_24.pdf

"S&P" means Standard & Poor's Financial Services LLC, or its successor.

"<u>SAID</u>" or "<u>Service Account Identification</u>" means a Buyer specific identifier or number for tracking energy service deliveries for a specific load through one or more meters at a customer premises or location as described in Rule 1.

"Scheduling Coordinator" or "SC" has the meaning set forth in the CAISO Tariff.

"<u>Seller</u>" has the meaning set forth in the preamble.

"<u>Settlement Amount</u>" means the sum of the estimated Delivered Capacity Payments for all of the remaining months of the Delivery Period, including the current month if not invoiced pursuant to Section 4.2, as of the Early Termination Date, with such estimated Delivered Capacity Payments being based on the sum of the applicable Product Monthly Quantity times the applicable Contract Price for each type of Product.

"<u>Shortfall Capacity</u>" means the amount of capacity with respect to the a Product Monthly Quantity for a type of Product for any portion of a Showing Month which was shown by Buyer in its Compliance Showing that CAISO determines requires outage replacement in accordance with Section 40.7 of the CAISO Tariff.

"<u>Showing Month</u>" shall be each day of each calendar month of the Delivery Period that is the subject of the Compliance Showing, as set forth in the CPUC Decisions and outlined in the CAISO Tariff. For illustrative purposes only, pursuant to the CAISO Tariff and CPUC

Decisions in effect as of the Execution Date, the monthly Compliance Showing made in June is for the Showing Month of August.

"<u>Small Commercial Customer</u>" means a DRAM Resource Customer who: (1) has a maximum billing demand of 20 kW, or less, per meter during the most recent 12 month period, or (2) has an annual usage of 40,000 kWh, or less, during the most recent 12 month period.

"Supply Plan' has the meaning set forth in the CAISO Tariff.

"<u>System Capacity</u>" means system Resource Adequacy Benefits associated with the PDR(s) or RDRRs designated by Seller pursuant to Section 1.4, as such attributes may be identified from time to time by the CPUC, CAISO, or other Governmental Body having jurisdiction, that can be counted toward RAR, which may be exclusive of any Local Capacity and Flexible Capacity as indicated on Table 1.1(b).

"Term" has the meaning set forth in Section 1.2.

"<u>Termination Payment</u>" means the sum of all amounts owed by the Defaulting Party to the Non-Defaulting Party under this Agreement, which shall include the Settlement Amount, less any amounts owed by the Non-Defaulting Party to the Defaulting Party determined as of the Early Termination Date. If Buyer is the Non-Defaulting Party and reasonably expect to incur penalties, fines or costs from the CPUC, the CAISO, or any other Governmental Body, then Buyer may estimate the of those penalties or fines and include them in the Termination Payment amount. If the Seller is the Non-Defaulting Party, then Seller may include in the Termination Payment amount the expenses, actually incurred by Seller and not previously paid by Buyer as of the Early Termination Date for SC services with respect to the DRAM Resource and this Agreement, in an amount not to exceed the sum of the monthly SC service payments during the months of the Delivery Term.

"<u>Transfer</u>" means, with respect to any Performance Assurance or Interest Amount, and in accordance with the instructions of the Party entitled thereto: (i) in the case of Cash, payment or transfer by wire transfer into one or more bank accounts specified by the recipient; (ii) in the case of Letters of Credit, delivery of the Letter of Credit or an amendment thereto to the recipient.

"<u>Unbundled Service Customer</u>" means a retail customer of the Buyer acting as a utility distribution company, who takes and receives its electrical power requirements from a different Load Serving Entity that is not the Buyer, pursuant to CPUC Rule 22 Direct Access or Rule 23 Community Choice Service.

Letter of Credit [insert Letter of Credit No.] Page # of #

EXHIBIT B

PG&E'S FORM OF LETTER OF CREDIT

Issuing Bank Letterhead and Address

STANDBY LETTER OF CREDIT NO. XXXXXXXX

Date: [insert issue date]

Beneficiary:

Applicant: [Insert name of Applicant and address]

Attention:

Letter of Credit Amount: [insert amount]

Expiry Date: [insert expiry date]

Ladies and Gentlemen:

By order of **[Insert name of Applicant]** ("Applicant"), we hereby issue in favor of **[Insert name of Beneficiary**] (the "Beneficiary") our irrevocable standby letter of credit No. **[Insert number of letter of credit]** ("Letter of Credit"), for the account of Applicant, for drawings up to but not to exceed the aggregate sum of U.S. \$ **[Insert amount in figures followed by (amount in words)**] ("Letter of Credit Amount"). This Letter of Credit is available with **[Insert name of bank, and the city and state in which it is located]** by sight payment, at our offices located at the address stated below, effective immediately. This Letter of Credit will expire at our close of business on **[Insert expiry date**] (the "Expiry Date").

Funds under this Letter of Credit are available to the Beneficiary against presentation of the following documents:

1. Beneficiary's signed and dated sight draft in the form of Annex A hereto, referencing this Letter of Credit No. **[Insert number]** and stating the amount of the demand; and

2. One of the following dated statements signed by an authorized representative or officer of Beneficiary:

A. "[Insert name of Beneficiary] (the "Beneficiary") is entitled to draw the amount of [Spell out the amount followed by (US\$xxxxxxxx)], under Letter of Credit No. [Insert number] owed by [Insert name of Beneficiary's counterparty under the DRAM Resource Purchase Agreement] or its assignee to Beneficiary under or in connection with the Demand Response Auction Mechanism Resource Purchase Agreement dated [Insert the Execution Date of the DRAM Resource Purchase Agreement] between the Beneficiary and [Insert name of Beneficiary's counterparty under the DRAM Resource Purchase Agreement] or its assignee"

B. "Letter of Credit No. [Insert number] will expire in thirty (30) days or less and [Insert name of Beneficiary's counterparty under the DRAM Resource Purchase Agreement] or its assignee has not provided replacement Performance Assurance acceptable to [Insert name of Beneficiary] (the Beneficiary"), and the amount of [Spell out the amount followed by (US\$xxxxxxxxx)] of the accompanying sight draft does not exceed the amount of Performance Assurance that [Insert name of Beneficiary's counterparty under the DRAM Resource Purchase Agreement] or its assignee is required to transfer to the Beneficiary under the terms of the Demand Response Auction Mechanism Resource Purchase Agreement dated [Insert the Execution Date of the DRAM Resource Purchase Agreement]between [Insert name of Beneficiary's counterparty under the DRAM Resource Purchase Agreement] and the Beneficiary.

Special Conditions:

- 1. Partial and multiple drawings under this Letter of Credit are allowed;
- 2. All banking charges associated with this Letter of Credit are for the account of the Applicant;
- 3. This Letter of Credit is not transferable; and
- 4. A drawing for an amount greater than the Letter of Credit Amount is allowed, however, payment shall not exceed the Letter of Credit Amount.

We engage with you that drafts drawn under and in compliance with the terms and conditions of this Letter of Credit will be duly honored upon presentation, if presented on or before the Expiry Date (or after the Expiry Date as provided below regarding events of Force Majeure), at **[Insert bank's address for drawings]**.

All demands for payment shall be made by presentation of copies or original documents, or by facsimile transmission of documents to **[Insert fax number or numbers]**, Attention: **[Insert name of bank's receiving department]**. If a demand is made by facsimile transmission, the originals or copies of documents must follow by overnight mail, and you may contact us at **[Insert phone number(s)]** to confirm our receipt of the transmission. Your failure to seek such a telephone confirmation does not affect our obligation to honor such a presentation.

Our payments against complying presentations under this Letter of Credit will be made no later than on the sixth (6th) banking day following a complying presentation.

Except as stated herein, this Letter of Credit is not subject to any condition or qualification. It is our individual obligation, which is not contingent upon reimbursement and is not affected by any agreement, document, or instrument between us and the Applicant or between the Beneficiary and the Applicant or any other party.

Except as otherwise specifically stated herein, this Letter of Credit is subject to and governed by the *Uniform Customs and Practice for Documentary Credits, 2007 Revision,* International Chamber of Commerce (ICC) Publication No. 600 (the "UCP 600"); provided that, if this Letter of Credit expires during an interruption of our business as described in Article 36 of the UCP 600, we will honor drafts presented in compliance with this Letter of Credit if presented within thirty (30) days after the resumption of our business, and we will effect payment accordingly.

The law of the State of New York shall apply to any matters not covered by the UCP 600.

For telephone assistance regarding this Letter of Credit, please contact us at [insert number and any other necessary details].

Very truly yours,

[insert name of issuing bank]

By: ______Authorized Signature

Name: [print or type name]

Letter of Credit [insert Letter of Credit No.] Page # of #

Title: [print or type title]

Annex A SIGHT DRAFT

TO [INSERT NAME AND ADDRESS OF PAYING BANK]

AMOUNT: \$_____ DATE: _____

AT SIGHT OF THIS DEMAND PAY TO THE ORDER OF [insert name of Beneficiary] THE AMOUNT OF U.S.\$_____U.S. DOLLARS)

DRAWN UNDER [INSERT NAME OF ISSUING BANK] LETTER OF CREDIT NO. XXXXXX.

REMIT FUNDS AS FOLLOWS:

[INSERT PAYMENT INSTRUCTIONS]

DRAWER

BY: _____ NAME AND TITLE

EXHIBIT C-1

Form of Notice of Demonstrated Capacity

EXHIBIT C1 - Notice of Demonstrated Capacity (QC)

Demand Response Auction Mechanism (DRAM)

For use with System and Local Capacity Product

Showing Month:	
Seler.	
ler Contact Name:	
er Contact Phone:	
SCID:	

Total "Monthly Quantity"* (MW): Total "Demonstrated Capacity" (MW): 0.00 MW

Residential Product (Yes / No):

Therefore: in Delivered Capacity Payment formula, "B" = 0.00 MW and "D" =

Local Capacity Area (LCA): (mark "n/a" if not a Local Capacity product)

PDRs and/or F DRAM Re			lt is Seller	"Demonstrated Capacity" (MW) It is Seller's sole discretion as to which Demonstrated Capacity method is used for each Resource							Residential Product Delivery				icity Product ivery
CAISO Assigned PDR / RDRR Resource Name Resource ID NQC (MW)*		<u>Cap</u> Maximum ho during capaci	DRR Resource (row), cho acity Test unly load reduction ty test conducted by ring Showing Month	Must Offer Average Seller b	e <u>one</u> demonstration method (column) to est <u>Must Offer Obligation (MOO)</u> A verage capacity amount Seller bid into CAISO during Showing Month		Dispatch Results Maximum hourly load reduction		Complete for all resources <u>MWClaimed</u> Specify the MW portion used to meet the contract obbligation		Residential Product This section is only required i delivering Residential Customer Product		Local Capacity Product f This section is only required if delivering Local Capacity Product		
		0.00 MW	Raw Demonstrated Capacity	Lesser of Assigned NQC or Raw Demonstrated Capacity	Raw Demonstrated Capacity	Lesser of Assigned NQC or Raw Demonstrated Capacity	Raw Demonstrated Capacity	Lesser of Assigned NQC or Raw Demonstrated Capacity	Joint Resource? (Yes/No)	MW Claimed	Total Service Accounts**	Residential Customer Service Accounts**	Small Business Customer Service Accounts**	Total Service Accounts**	Customer Service Accounts within specified LCA**
				0.00 MW		0.00 MW		0.00 MW							
				0.00 MW		0.00 MW		0.00 MW							
				0.00 MW 0.00 MW		0.00 MW 0.00 MW		0.00 MW 0.00 MW							
				0.00 MW		0.00 MW		0.00 MW							
				0.00 MW		0.00 MW		0.00 MW							
				0.00 MW		0.00 MW		0.00 MW							
				0.00 MW		0.00 MW		0.00 MW							
				0.00 MW		0.00 MW		0.00 MW							
				0.00 MW		0.00 MW		0.00 MW							
				0.00 MW		0.00 MW		0.00 MW							
				0.00 MW		0.00 MW		0.00 MW							
				0.00 MW 0.00 MW		0.00 MW 0.00 MW		0.00 MW 0.00 MW							
				0.00 MW		0.00 MW		0.00 MW							
	Demonstrated	Capacity ===>		0.00 MW		0.00 MW		0.00 MW		0.00 MW	0	0	0	0	0
in Exhibit E. * In case of a Joint Resource,	The "Monthly Quantity" is from the quantity & pricing Table in Exhibit E. In case of a Joint Resource, report full PDR / RDRR		bea	1) Each capacity test must be at least two (2) consecutive hours long		be bid into the Ahead Market	that the PDR/ reduction in a	e Dispatch requires RDRR provided load II applicable hours of hispatch Instructions.	not Joint Re Claimed = M	DRRs that are sources, MW W Demostrated n F, H or J)	Barrant Basidential Assount		Accounts	s Percent Local Accounts	
** If using a Joint Resource, re	NQC here. 2) Should be calculated using the port Service Account information (count) only for the portion used.					de bids submitted in e with the MOO hours		calculated using the Capacity Baseline	Claimed is a	esources, MW portion of MW instrated					

The information provided by Seller in this Notice of Demonstrated Capacity is required by Section 1.6 of the DRAM Resource Purchase Agreement with <insert IOU name>.

EXHIBIT C-2

Form of Notice of Demonstrated Capacity

••

EXHIBIT C2 - Notice of Demonstrated Capacity (EFC)

For use with Flexible Capacity Product

Showing Month: Seller: Seller Contact Name: Seller Contact Phone: SCID: Local Capacity Area (LCA): (mark "n/a" if not a Local Capacity product) Demand Response Auction Mechanism (DRAM)

....

Total "Monthly Quantity"[•] (MW): _____ Total "Demonstrated Capacity" (MW): 0.00 MW Residential Product (Yes / No): Internet Comparity Resmant formula: PB" - 200 MW

Therefore: in Delivered Capacity Payment formula, "B" = 0.00 MW and "D" =

						emonstrated Capacity" (MW) to which Demonstrated Capacity method is used for each Resource					Joint Resource Adjustment		Residential Product Delivery		Local Capacity Product Delivery	
		Flexible Category (1, 2, or 3)	<u>Cap</u> Average hor during capaci	Resource (row), chose on acity Test unly load reduction ty test conducted by uring Showing Month	ne demonstration method (column) to establ Must Offer Obligation (MOO) Average capacity amount Seller bid into CAISO during Showing Month		iblish monthly Demonstrated Capacity Dispatch Results Average hourly load reduction resulting from Dispatch during Showing Month		Complete for all resources <u>MW Claimed</u> Specify the MW portion used to meet the contract obbligation		Residential Product This section is only required i delivering Residential Customer Product		required if dential	Local Capacity Product This section is only required if delivering Local Capacity Product		
		0.00 MW	(1, 2, 01 3)	Raw Demonstrated Capacity	Lesser of Assigned EFC or Raw Demonstrated Capacity	Raw Demonstrated Capacity	Lesser of Assigned EFC or Raw Demonstrated Capacity		Lesser of Assigned EFC or Raw Demonstrated Capacity	Joint Resource? (Yes/No)	MW Claimed	Total Service Accounts**	Residentia Customer Service Accounts*	Small Business Customer Service Accounts**	Total Service Accounts**	Customer Service Accounts within specified LCA**
					0.00 MW		0.00 MW		0.00 MW				1	1		
					0.00 MW		0.00 MW		0.00 MW							(
					0.00 MW		0.00 MW		0.00 MW				+	+		
					0.00 MW		0.00 MW		0.00 MW				I			
					0.00 MW		0.00 MW		0.00 MW							
					0.00 MW		0.00 MW		0.00 MW				i	+		
					0.00 MW		0.00 MW		0.00 MW							
					0.00 MW		0.00 MW		0.00 MW				L			1
					0.00 MW		0.00 MW		0.00 MW				i	+		
					0.00 MW		0.00 MW		0.00 MW							
					0.00 MW		0.00 MW		0.00 MW				L			
					0.00 MW		0.00 MW		0.00 MW							
					0.00 MW		0.00 MW		0.00 MW				I	<u> </u>		4
					0.00 MW		0.00 MW		0.00 MW				I			4
					0.00 MW		0.00 MW		0.00 MW					-		4
	Demo	nstrated Cap	oacity ===>		0.00 MW		0.00 MW		0.00 MW		0.00 MW	0	0	0	0	0
Exhibit E. * In case of a Joint Resource	^a "Monthly Quantity" is from the quantity & pricing Table in		e.	, be a	apacity test must t least two (2) sutive hours long	Day-Ahe	be bid into the ad and Real-Time Market	that the Pl reduction in a	e Dispatch requires DR provided load II applicable hours of Dispatch Instructions	Resources, MW Demos	aat are not Joint MW Claimed = trated (Column H or J)	= Borcont Residential Accounts		I Accounts	is Percent Local Accounts	
** If using a Joint Resource, (count) only for the portion u		Account in	formation	count information		2) Should be calculated using the		Claimed is a	PDRs, MW a portion of MW onstrated							

The information provided by Seller in this Notice of Demonstrated Capacity is required by Section 1.6 of the DRAM Resource Purchase Agreement with <insert IOU name>.

EXHIBIT D

Form of Notice of Showing Month Supply Plan

	Contact Information	ion Supply Plan Information for Resources under DRAM Purchase Agreement to [insert IOU name										rt IOU name]				
											If Joint R	esource				
Contact Person	Phone Number	Email	Seller (or Seller's agent) SCID	Resource ID in CAISO Master File	System RA Capa city (QC) (MW 00.00 No rounding)	(MW 8 rour	pacity (Q.C) 0.00 No ding)	Capacity (EFC)	Flex RA Category (1, 2, or 3)	System RA Capacity used for Contract (MW 00.00)	for Contr 00.	00)	Flex RA Capacity used for Contract (MW 00.00)	RA Capacity Effective Start Date (mm/dd/yyyy hh: mm:ss)	RA Capacity Effective End Date (mm/dd/yyyy hh: mm:ss)	SCID of Loa Serving Enti
-	32 20		1			LCA1	LCA2			1	LCA1	LCA2				
		2														
																<u> </u>
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					-											-
	1						-									
											3					

The information provided by Seller in this monthly Supply Plan template is required by Section 1.4 of the DRAM Resource Purchase Agreement with Buyer.

[Relevant IOU LCA's to be inserted in final form]

EXHIBIT E PRODUCT MONTHLY QUANTITY AND CORRESPONDING CONTRACT PRICE

2017 Showing	Product [INSERT]									
Showing Month	Monthly Quantity (kW for each day of Showing Month)	Contract Price (\$/kW-Month)								
January										
February										
March										
April										
Мау										
June										
July										
August										
September										
October										
November										
December										

[Parties to complete one chart for each type of Product indicated in Table 1.1(b) and accepted bid information.]

EXHIBIT F PG&E LCA SUBSTATIONS

Local Capacity Area	Substation_cd	Substation Description
Greater Bay Area		1201 OAKLAND_C
Greater Bay Area		1202 CLAYTON
Greater Bay Area		1204 OAKLAND_D
Greater Bay Area		1206 BERKELEY_F
Greater Bay Area		1208 OAKLAND_I
Greater Bay Area		1209 OAKLAND_J
Greater Bay Area		1210 OAKLAND_K
Greater Bay Area		1211 OAKLAND_L
Greater Bay Area		1213 ANTIOCH
Greater Bay Area		1214 LIVERMORE
Greater Bay Area		1216 PITTSBURG
Greater Bay Area		1220 WALNUT_CREEK
Greater Bay Area		1222 NEWARK
Greater Bay Area		1224 HAYWARD_O
Greater Bay Area		1233 MIRA_VISTA
Greater Bay Area		1235 ORINDA
Greater Bay Area		1243 ALTAMONT
Greater Bay Area		1250 EL_CERRITO_G
Greater Bay Area		1252 RICHMOND_Q
Greater Bay Area		1254 OAKLAND_X
Greater Bay Area		1260 OAK
Greater Bay Area		1264 BECK_STREET
Greater Bay Area		1265 FAIRMOUNT
Greater Bay Area		1266 BERKELEY_T
Greater Bay Area		1267 8TH_AVENUE
Greater Bay Area		1269 FLORENCE
Greater Bay Area		1284 RIDGE
Greater Bay Area		1296 CONCORD_NO_1
Greater Bay Area		1298 WARD
Greater Bay Area		1302 BARRETT
Greater Bay Area		1303 BANCROFT
Greater Bay Area		1309 BRYANT
Greater Bay Area		1311 SAN LEANDRO
Greater Bay Area		1314 SOLANO
Greater Bay Area		1315 RADUM
Greater Bay Area		1317 HOLLYWOOD
Greater Bay Area		1318 PALO_SECO
Greater Bay Area		1321 BROOKSIDE
Greater Bay Area		1323 LONE_TREE
Greater Bay Area		1324 WHITNEY

Local Capacity Area	Substation_cd	Substation Description
Greater Bay Area		1326 SOTO
Greater Bay Area		1330 PLEASANT HILL
Greater Bay Area		1331 RUSSELL
Greater Bay Area		1334 SPRUCE
Greater Bay Area		1335 WALDO
, Greater Bay Area		1338 WOOD
Greater Bay Area		1343 FAIRVIEW
Greater Bay Area		1346 SAN LORENZO
, Greater Bay Area		 1347 RICHMOND R
, Greater Bay Area		1348 ESTUDILLO
Greater Bay Area		1350 JARVIS
Greater Bay Area		1352 MAPLE
Greater Bay Area		1353 LAKEWOOD
Greater Bay Area		1355 GILL
Greater Bay Area		1356 SARANAP
Greater Bay Area		1358 ROBLES
Greater Bay Area		1359 GEARY
Greater Bay Area		1360 LAS_AROMAS
Greater Bay Area		1365 CONTRA_COSTA
Greater Bay Area		1366 PARSONS
Greater Bay Area		1368 EDES
Greater Bay Area		1370 ARLINGTON
Greater Bay Area		1373 ORIOLE
Greater Bay Area		1374 WALL
Greater Bay Area		1375 VASCO
Greater Bay Area		1376 MT_EDEN
Greater Bay Area		1378 VIRGINIA
Greater Bay Area		1380 MORAGA
Greater Bay Area		1381 WAYNE
Greater Bay Area		1384 STUART
Greater Bay Area		1385 BABEL
Greater Bay Area		1391 WILLOW_PASS
Greater Bay Area		1392 FRANKLIN
Greater Bay Area		1405 NORTH_DUBLIN
Greater Bay Area		1409 CASTRO_VALLEY
Greater Bay Area		1410 ALHAMBRA
Greater Bay Area		1416 ROSSMOOR
Greater Bay Area		1423 SAN_RAMON
Greater Bay Area		1424 SUNOL
Greater Bay Area		1426 POINT_PINOLE
Greater Bay Area		1430 MEADOW_LANE
Greater Bay Area		1432 BALFOUR

Local Capacity Area	Substation_cd	Substation Description
Greater Bay Area		1434 VALLEY VIEW
, Greater Bay Area		
, Greater Bay Area		1437 SAN_PABLO
Greater Bay Area		
Greater Bay Area		1440 LAS_POSITAS
Greater Bay Area		1442 CAYETANO
Greater Bay Area		1445 KIRKER
Greater Bay Area		1447 DUMBARTON
Greater Bay Area		1450 VINEYARD
Greater Bay Area		1459 BRENTWOOD
Greater Bay Area		1465 TIDEWATER
Greater Bay Area		1466 TASSAJARA
Greater Bay Area		1467 SOBRANTE
Greater Bay Area		1469 RESEARCH
Greater Bay Area		1472 DIXON_LANDING
Greater Bay Area		1809 MCAVOY_TAP
Greater Bay Area		1810 SHORE_ACRES_BANK
Greater Bay Area		1812 PIPER_BANK
Greater Bay Area		1815 BETHEL_BANK
Greater Bay Area		1832 JERSEY_ISLAND
Greater Bay Area		2201 SF_X
Greater Bay Area		2203 SF_A
Greater Bay Area		2207 SF_E
Greater Bay Area		2209 SF_G
Greater Bay Area		2210 SF_H
Greater Bay Area		2213 SF_K
Greater Bay Area		2222 SF_J
Greater Bay Area		2226 SF_L
Greater Bay Area		2227 SF_M
Greater Bay Area		2228 SF_N
Greater Bay Area		2233 SF_P
Greater Bay Area		2234 SF_Q
Greater Bay Area		2239 18TH_STREET
Greater Bay Area		
Greater Bay Area		2244 LAWNDALE
Greater Bay Area		2247 ACTON
Greater Bay Area		2248 CASTRO
Greater Bay Area		2249 YOSEMITE
Greater Bay Area		2250 TARAVAL
Greater Bay Area		2251 NORIEGA
Greater Bay Area		2253 6TH_AVENUE
Greater Bay Area		2255 21ST_AVENUE

Greater Bay Area 2257 EAST_GRAND	
Greater Bay Area 2258 OCEAN	
Greater Bay Area 2259 RANDOLPH	
Greater Bay Area 2260 WESTLAKE	
Greater Bay Area 2261 PORTOLA	
Greater Bay Area 2264 DALY_CITY	
Greater Bay Area 2265 DALY_CITY_UNIT_SUE	3
Greater Bay Area 2267 SILVER	
Greater Bay Area 2268 PLYMOUTH	
Greater Bay Area 2269 MILLBRAE	
Greater Bay Area 2270 SAN_BRUNO	
Greater Bay Area 2272 SNEATH_LANE	
Greater Bay Area 2278 MARINA	
Greater Bay Area 2280 SF_Y	
Greater Bay Area 2281 PACIFICA	
Greater Bay Area 2285 SULLIVAN	
Greater Bay Area 2286 SERRAMONTE	
Greater Bay Area 2287 SF_Z	
Greater Bay Area 2289 BAYSHORE	
Greater Bay Area 2401 BAY_MEADOWS	
Greater Bay Area 2402 BELL HAVEN	
Greater Bay Area 2403 BELMONT	
Greater Bay Area 2404 BERESFORD	
Greater Bay Area 2405 BURLINGAME	
Greater Bay Area 2406 CAROLANDS	
Greater Bay Area 2408 EMERALD_LAKE	
Greater Bay Area 2409 GLENWOOD	
Greater Bay Area 2410 HALF_MOON_BAY	
Greater Bay Area 2411 HILLSDALE	
Greater Bay Area 2412 LAS_PULGAS	
Greater Bay Area 2413 MENLO	
Greater Bay Area 2414 RALSTON	
Greater Bay Area 2416 REDWOOD_CITY	
Greater Bay Area 2418 SAN_CARLOS	
Greater Bay Area 2419 SAN_MATEO	
Greater Bay Area 2424 WATERSHED	
Greater Bay Area 2425 WOODSIDE	
Greater Bay Area 2426 BAIR	
Greater Bay Area 8201 EVERGREEN	
Greater Bay Area 8202 LOS_GATOS	
Greater Bay Area 8203 MOUNTAIN_VIEW	
Greater Bay Area 8216 LOYOLA	

Local Capacity Area	Substation_cd	Substation Description
Greater Bay Area	_	8219 MABURY
Greater Bay Area		8224 LOS_ALTOS
Greater Bay Area		 8225 SAN_JOSE_A
Greater Bay Area		8226 SAN_JOSE_B
Greater Bay Area		8231 ALMADEN
Greater Bay Area		8234 RIVER_OAKS
Greater Bay Area		8246 NORTECH
Greater Bay Area		8283 MILPITAS
Greater Bay Area		8292 EL_PATIO
Greater Bay Area		8295 EDENVALE
Greater Bay Area		8300 LOCKHEED NO.2
Greater Bay Area		8318 LLAGAS
Greater Bay Area		8324 MORGAN_HILL
Greater Bay Area		8337 SARATOGA
Greater Bay Area		8339 SWIFT
Greater Bay Area		8342 LAWRENCE
Greater Bay Area		8343 HICKS
Greater Bay Area		8348 STELLING
Greater Bay Area		8353 MC_KEE
Greater Bay Area		8361 BRITTON
Greater Bay Area		8363 WHISMAN
Greater Bay Area		8367 WOLFE
Greater Bay Area		8370 STONE
Greater Bay Area		8377 VASONA
Greater Bay Area		8380 TRIMBLE
Greater Bay Area		8387 FMC
Greater Bay Area		8389 MONTAGUE
Greater Bay Area		8390 AMES
Greater Bay Area		8391 PIERCY
Greater Fresno Area		25204AIRWAYS
Greater Fresno Area		25205ASHLAN_AVE
Greater Fresno Area		25215ANGIOLA
Greater Fresno Area		25216COALINGA_NO_1
Greater Fresno Area		25217CORCORAN
Greater Fresno Area		25221BIOLA
Greater Fresno Area		25224KINGSBURG
Greater Fresno Area		25228CALIFORNIA_AVE
Greater Fresno Area		25229PARLIER
Greater Fresno Area		25230CAMDEN
Greater Fresno Area		25234REEDLEY
Greater Fresno Area		25235SANGER
Greater Fresno Area		25236SAN_JOAQUIN

Local Capacity Area	Substation_cd	Substation Description
Greater Fresno Area		25237CARUTHERS
Greater Fresno Area		25238COALINGA_NO_2
Greater Fresno Area		25241COPPERMINE
Greater Fresno Area		25250BALCH_NO_1
Greater Fresno Area		25256KERCKHOFF
Greater Fresno Area		25266GUERNSEY
Greater Fresno Area		25268HENRIETTA
Greater Fresno Area		25270KEARNEY
Greater Fresno Area		25271KERMAN
Greater Fresno Area		25273KETTLEMAN_HILLS
Greater Fresno Area		25284OROSI
Greater Fresno Area		25285PINEDALE
Greater Fresno Area		25289SCHINDLER
Greater Fresno Area		25292STONE_CORRAL
Greater Fresno Area		25294TIVY_VALLEY
Greater Fresno Area		25295TULARE_LAKE
Greater Fresno Area		25315GIFFEN
Greater Fresno Area		25316HURON
Greater Fresno Area		25344CALFLAX
Greater Fresno Area		25345DEVILS_DEN
Greater Fresno Area		25353BOWLES
Greater Fresno Area		25357BARTON
Greater Fresno Area		25359CANTUA
Greater Fresno Area		25360LEMOORE
Greater Fresno Area		25366STROUD
Greater Fresno Area		25371HARDWICK
Greater Fresno Area		25373WEST_FRESNO
Greater Fresno Area		25392MANCHESTER
Greater Fresno Area		25393GATES
Greater Fresno Area		25396BULLARD
Greater Fresno Area		25400ALPAUGH
Greater Fresno Area		25406DUNLAP
Greater Fresno Area		25408CLOVIS
Greater Fresno Area		25409DINUBA
Greater Fresno Area		25412MC_CALL
Greater Fresno Area		25415AUBERRY
Greater Fresno Area		25418RESERVE_OIL
Greater Fresno Area		25425MALAGA
Greater Fresno Area		25441MC_MULLIN
Greater Fresno Area		25444RAINBOW
Greater Fresno Area		25453WAHTOKE
Greater Fresno Area		25455FIGARDEN

Local Capacity Area	Substation_cd	Substation Description
Greater Fresno Area		25460SAND_CREEK
Greater Fresno Area		25477JACOBS_CORNER
Greater Fresno Area		25480RANCHERS_COTTON
Greater Fresno Area		25491WOODCHUCK
Greater Fresno Area		25492LAS_PALMAS
Greater Fresno Area		25494BOSWELL
Greater Fresno Area		25500AVENAL
Greater Fresno Area		25525RIVER_ROCK
Greater Fresno Area		25529WOODWARD
Greater Fresno Area		25859TULE_POWER_HOUSE
Greater Fresno Area		25888SOCALEDISON
Humboldt		4214 CLEAR_LAKE
Humboldt		4225 HOPLAND
Humboldt		4228 POTTER_VALLEY_P_H
Humboldt		4260 PHILO
Humboldt		4266 WILLITS
Humboldt		4268 LAYTONVILLE
Humboldt		4276 FORT_BRAGG_A
Humboldt		4277 UKIAH
Humboldt		4284 GUALALA
Humboldt		4286 ANNAPOLIS
Humboldt		4287 UPPER_LAKE
Humboldt		4295 MENDOCINO
Humboldt		4298 ELK
Humboldt		4304 GARCIA
Humboldt		4306 COVELO
Humboldt		4308 BIG_RIVER
Humboldt		4314 MIDDLETOWN
Humboldt		4319 REDBUD
Humboldt		4321 HARTLEY
Humboldt		4331 KONOCTI
Humboldt		4335 LUCERNE
Humboldt		4336 HIGHLANDS
Humboldt		4338 POINT_ARENA
Humboldt		4341 CALPELLA
Humboldt		19202 ARCATA
Humboldt		19210 MAPLE_CREEK
Humboldt		19212 EUREKA_A
Humboldt		19215 NEWBURG
Humboldt		19217 WILLOW_CREEK
Humboldt		19218 BLUE_LAKE
Humboldt		19222 GARBERVILLE

Local Capacity Area	Substation_cd	Substation Description
Humboldt		19223 TRINIDAD
Humboldt		19225 RIO_DELL
Humboldt		19226 ORICK
Humboldt		19229 CARLOTTA
Humboldt		19231 FRUITLAND
Humboldt		19232 FORT_SEWARD
Humboldt		19233 STATION E EUREKA
Humboldt		19234 HUMBOLDT_BAY
Humboldt		19236 BIG_LAGOON
Humboldt		19238 EEL_RIVER
Humboldt		19239 JANES_CREEK
Humboldt		19240 HOOPA
Humboldt		19241 LOW_GAP
Humboldt		19243 HARRIS
Humboldt		19245 FAIRHAVEN
Humboldt		19246 BRIDGEVILLE
Humboldt		19247 RUSS_RANCH
Kern		25202 ANTELOPE
Kern		25208 TAFT
Kern		25232 CARNERAS
Kern		25244 ELK_HILLS
Kern		25246 FAMOSO
Kern		25255 TEMBLOR
Kern		25261 MIDWAY
Kern		25272 KERN_OIL
Kern		25277 MAGUNDEN
Kern		25278 MCKITTRICK
Kern		25282 OLD_RIVER
Kern		25286 RIO_BRAVO
Kern		25290 SEMITROPIC
Kern		25293 TEJON
Kern		25296 WASCO
Kern		25297 WEEDPATCH
Kern		25314 CUYAMA
Kern		25318 MC_FARLAND
Kern		25319 SAN_BERNARD
Kern		25337BAKERSFIELD
Kern		25339FRUITVALE
Kern		25341LAKEVIEW
Kern		25342PANAMA
Kern		25346CARRIZO_PLAINS
Kern		
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Local Capacity Area	Substation_cd	Substation Description
Kern		25349LERDO
Kern		25355SMYRNA
Kern		25364POSO_MOUNTAIN
Kern		25365SHAFTER
Kern		25370WESTPARK
Kern		25380ARVIN
Kern		25387COPUS
Kern		25391LAMONT
Kern		25395COLUMBUS
Kern		25407STOCKDALE
Kern		25420GOOSE_LAKE
Kern		25421MARICOPA
Kern		25424FELLOWS
Kern		25429WELLFIELD
Kern		25437BELRIDGE_1A
Kern		25440TWISSELMAN
Kern		25448BERRENDA_C
Kern		25450CHARCA
Kern		25451TECUYA
Kern		25454GANSO
Kern		25456TUPMAN
Kern		25457RENFRO
Kern		254587TH_STANDARD
Kern		25468BLACKWELL
Kern		25469NORCO
Kern		25476ROSEDALE
Kern		25482CADET
Kern		25493GARDNER
Kern		25526KERN_POWER
Kern		25527CELERON
Kern		25528CARNATION
Kern		25531PENTLAND
Kern		25532TEVIS
Kern		25542TEXACO_EMIDIO
Kern		25544PACIFIC_PIPE_GRAPEVINE
Kern		25545CAL_WATER
Kern		25811SCE_MCFARLAND
Kern		25813SCE_TEHACHAPI
North Coast and North Bay	,	4201SAN_RAFAEL
North Coast and North Bay	,	4202NAPA
North Coast and North Bay	,	4203ALTO
North Coast and North Bay	,	4204NORTH_TOWER

Local Capacity Area	Substation_cd	Substation Description
North Coast and North Bay	,	4205PARKWAY
North Coast and North Bay	,	4209MIRABEL
North Coast and North Bay	,	4212PETALUMA_A
North Coast and North Bay	,	4215SANTA_ROSA_A
North Coast and North Bay	,	4221NOVATO
North Coast and North Bay	,	4226BOLINAS
North Coast and North Bay	,	4227COTATI
North Coast and North Bay	,	4229OLEMA
North Coast and North Bay	,	4230TULUCAY
North Coast and North Bay	,	4245VALLEJO_B
North Coast and North Bay	,	4246BASALT
North Coast and North Bay	,	4248IGNACIO
North Coast and North Bay	,	4249SAUSALITO
North Coast and North Bay	,	4255VALLEJO_C
North Coast and North Bay	,	4256FULTON
North Coast and North Bay	,	4257MOLINO
North Coast and North Bay	,	4263PETALUMA_C
North Coast and North Bay	,	4265HIGHWAY
North Coast and North Bay	,	4271CALISTOGA
North Coast and North Bay	,	4272SONOMA
North Coast and North Bay	,	4275FITCH_MOUNTAIN
North Coast and North Bay	,	4281MONTE_RIO
North Coast and North Bay	,	4282CLOVERDALE
North Coast and North Bay	,	4285FORT_ROSS
North Coast and North Bay	,	4289GEYSERVILLE
North Coast and North Bay	,	4299LAS_GALLINAS_A
North Coast and North Bay	,	4302WOODACRE
North Coast and North Bay	,	4305MONTICELLO
North Coast and North Bay	,	4307DUNBAR
North Coast and North Bay	,	4309GREENBRAE
North Coast and North Bay	,	4315TOCALOMA
North Coast and North Bay	,	4316SALMON_CREEK
North Coast and North Bay	,	4318BELLEVUE
North Coast and North Bay	,	4320STAFFORD
North Coast and North Bay	,	4325BAHIA
North Coast and North Bay	,	4328CARQUINEZ
North Coast and North Bay		4329PUEBLO
North Coast and North Bay		4330MONROE
North Coast and North Bay		4332RINCON
North Coast and North Bay		4334SKAGGS_ISLAND
North Coast and North Bay		4337LAKEVILLE
North Coast and North Bay	,	4343SILVERADO

Local Capacity Area	Substation_cd	Substation Description
North Coast and North Bay		4347PENNGROVE
North Coast and North Bay		4349CORONA
North Coast and North Bay		4801CALPINE
Other		6202COLUSA
Other		6203 WOODLAND
Other		6204 DAVIS
Other		6205 WILLIAMS
Other		6206 DIXON
Other		6207 COLUSA_JUNCTION
Other		6208 ARBUCKLE
Other		6213 SUISUN
Other		6246 GRAND_ISLAND
Other		6254 MERIDIAN
Other		6270 CORDELIA
Other		6272 KNIGHTS_LANDING
Other		6277 WILKINS_SLOUGH
Other		6283 RICE
Other		6288 MAXWELL
Other		6312 CORTINA
Other		6313 WEST_SACRAMENTO
Other		6314 RUSSELL_(SMUD)
Other		6317 MADISON
Other		6319 ZAMORA
Other		6332 WINTERS
Other		6344 PLAINFIELD
Other		6359 VACA_DIXON
Other		6360 VACAVILLE
Other		6362 DEEPWATER
Other		6364 PEABODY
Other		6368 PUTAH_CREEK
Other		6380 JAMESON
Other		6381 DUNNIGAN
Other		6866 BATAVIA
Other		6867 MAINE_PRAIRIE
Other		8284 BIG_BASIN
Other		8293 POINT_MORETTI
Other		8301 ARANA
Other		8304 BEN_LOMOND
Other		8305 BIG_TREES
Other		8311 CASSERLY
Other		8314 FELTON
Other		8319 GREEN_VALLEY

Local Capacity Area	Substation_cd	Substation Description
Other		8323 CLIFF_DRIVE
Other		8325 PAUL_SWEET
Other		8326 RIO_DEL_MAR
Other		8330 SOQUEL
Other		8333 WATSONVILLE
Other		8345 OPAL_CLIFFS
Other		8350 SEACLIFF
Other		8351 ERTA
Other		8362 CAMP_EVERS
Other		8369 ROB_ROY
Other		8375 ROLAND
Other		8882 COAST_RD.
Other		8887 QUARRY_RD.
Other		10132 PIT_NO_5
Other		10202 CENTERVILLE
Other		10204 NOTRE_DAME
Other		10205 CHICO_A
Other		10211 CAPAY
Other		10212 HAMILTON_A
Other		10217 ESQUON
Other		10221 BUCKS_CREEK
Other		10236 HAMILTON_BRANCH
Other		10249 CHICO_B
Other		10252 OROVILLE
Other		10253 GRAYS_FLAT
Other		10254 VOLTA
Other		10255 EAST_QUINCY
Other		10260 GLENN
Other		10265 CHICO_C
Other		10270 ORLAND_B
Other		10274 WILLOWS_A
Other		10278 ELK_CREEK
Other		10281 BIG_MEADOWS
Other		10283 PARADISE
Other		10284 ANITA
Other		10285 JACINTO
Other		10291 WYANDOTTE
Other		10293 COTTONWOOD
Other		10294 DAYTON_ROAD
Other		10297 SYCAMORE_CREEK
Other		10302 GANSNER
Other		10303 ORO_FINO

Other 10307 NORD Other 10308 BUTTE Other 10309 CLARK ROAD Other 10310 SPANISH_CREEK Other 10313 CRESCENT_MILLS Other 10314 LOGAN_CREEK Other 10318 CHESTER Other 10319 BANGOR Other 10320 CHALLENGE Other 10321 HONCUT Other 10322 KANAKA Other 10327 ANTLER Other 10332 ORAD Other 10332 CEDAR_CREEK Other 10333 CORNING Other 10333 CORNING Other 10333 GRER Other 10334 DAIRYVILLE Other 10334 DAIRSVN <	Local Capacity Area	Substation_cd	Substation Description
Other 10309 CLARK_ROAD Other 10310 SPANISH_CREEK Other 10313 CRESCENT_MILLS Other 10314 LOGAN_CREEK Other 10318 CHESTER Other 10319 BANGOR Other 10320 CHALLENGE Other 10320 CHALLENGE Other 10320 CHALLENGE Other 10322 KANAKA Other 10327 KRES_VIAS Other 10327 ANTLER Other 10330 BOGARD Other 10332 CEDAR_CREEK Other 10333 CORNING Other 10334 DAIRYVILLE Other 10334 DAIRYVILLE Other 10334 DAIRYVILLE Other 10334 DAIRAN Other <	Other		10307 NORD
Other 10310 SPANISH_CREEK Other 10313 CRESCENT_MILLS Other 10314 LOGAN_CREEK Other 10318 CHESTER Other 10319 BANGOR Other 10320 CHALLENGE Other 10320 CHALLENGE Other 10322 KANAKA Other 10325 TRES_VIAS Other 10327 ANTLER Other 10331 BURNEY Other 10332 CEDAR_CREEK Other 10333 CORNING Other 10333 CORNING Other 10333 CORNING Other 10334 DAIRYVILLE Other 10333 CORNING Other 10334 DAIRYVILLE Other 10339 GERBER Other 10340 GIRVAN Other 10344 JESSUP Other 10344 LOS_MOLINOS Other 10344 KOS_MOLINOS Other <td< td=""><td>Other</td><td></td><td>10308 BUTTE</td></td<>	Other		10308 BUTTE
Other 10313 CRESCENT_MILLS Other 10314 LOGAN_CREEK Other 10318 CHESTER Other 10319 BANGOR Other 10320 CHALLENGE Other 10321 HONCUT Other 10322 KANAKA Other 10325 TRES_VIAS Other 10327 ANTLER Other 10331 BURNEY Other 10332 CEDAR_CREEK Other 10333 CORNING Other 10334 DAIRYVILLE Other 10338 GERBER Other 10334 DAIRYVILLE Other 10344 JESSUP Other 10344 JESSUP Other 10346 PANORAMA </td <td>Other</td> <td></td> <td>10309 CLARK_ROAD</td>	Other		10309 CLARK_ROAD
Other 10314 LOGAN_CREK Other 10318 CHESTER Other 10319 BANGOR Other 10320 CHALLENGE Other 10321 HONCUT Other 10322 KANAKA Other 10322 KANAKA Other 10322 KANAKA Other 10325 TRES_VIAS Other 10325 TRES_VIAS Other 10327 ANTLER Other 10332 CBARD Other 10332 CEDAR_CREEK Other 10333 CORNING Other 10334 DAIRYVILLE Other 10335 DESCHUTES Other 10339 GERBER Other 10344 JESSUP Other 10344 JESSUP Other 10345 KESWICK Other 10345 MOLINOS Other 10345 MOLINOS Other 10352 OREGON_TRAIL <td>Other</td> <td></td> <td>10310 SPANISH_CREEK</td>	Other		10310 SPANISH_CREEK
Other 10318 CHESTER Other 10319 BANGOR Other 10320 CHALLENGE Other 10321 HONCUT Other 10321 HONCUT Other 10322 KANAKA Other 10322 KANAKA Other 10325 TRES_VIAS Other 10326 ANDERSON Other 10327 ANTLER Other 10330 BOGARD Other 10331 BURNEY Other 10332 CEDAR_CREEK Other 10333 CORNING Other 10333 CORNING Other 10335 DESCHUTES Other 10335 DESCHUTES Other 10339 GERBER Other 10340 GIRVAN Other 10346 PANORAMA Other 10345 KESWICK Other 10345 KESWICK Other 10345 KESWICK Other 10346 PANORAMA Other 10345 KESWICK Other 10350 PIT_NO_7 Other 10350 PIT_NO_7 Other 10353 RAWSON	Other		10313 CRESCENT_MILLS
Other 10319 BANGOR Other 10320 CHALLENGE Other 10321 HONCUT Other 10322 KANAKA Other 10322 KANAKA Other 10324 PEACHTON Other 10325 TRES_VIAS Other 10326 ANDERSON Other 10327 ANTLER Other 10330 BOGARD Other 10331 BURNEY Other 10332 CEDAR_CREEK Other 10333 CORNING Other 10334 DAIRYVILLE Other 10333 DESCHUTES Other 10339 GERBER Other 10339 GERBER Other 10340 GIRVAN Other 10345 KESWICK Other 10344 JESSUP Other 10345 KESWICK Other 10344 JESSUP Other 10345 RED_MORAMA Other 10345 RED_MORAMA Other 10350 PIT_NO_7 Other 10352 OREGON_TRAIL Other 10353 RAWSON Other 10355 RSING_RIV	Other		10314 LOGAN_CREEK
Other 10320 CHALLENGE Other 10321 HONCUT Other 10322 KANAKA Other 10324 PEACHTON Other 10325 TRES_VIAS Other 10326 ANDERSON Other 10327 ANTLER Other 10330 BOGARD Other 10331 BURNEY Other 10332 CEDAR_CREEK Other 10333 CORNING Other 10333 CORNING Other 10333 CORNING Other 10334 DAIRYVILLE Other 10335 DESCHUTES Other 10339 GERBER Other 10339 GERBER Other 10340 GIRVAN Other 10340 GIRVAN Other 10345 KESWICK Other 10345 KESWICK Other 10344 JESSUP Other 10345 KESWICK Other 10346 PANORAMA Other 10350 PIT_NO_7 Other 10352 OREGON_TRAIL Other 10353 RAWSON Other 10354 RED_BLUFF <td>Other</td> <td></td> <td>10318 CHESTER</td>	Other		10318 CHESTER
Other 10321 HONCUT Other 10322 KANAKA Other 10324 PEACHTON Other 10325 TRES_VIAS Other 10326 ANDERSON Other 10327 ANTLER Other 10327 ANTLER Other 10330 BOGARD Other 10331 BURNEY Other 10332 CEDAR_CREEK Other 10333 CORNING Other 10333 CORNING Other 10335 DESCHUTES Other 10335 DESCHUTES Other 10335 DESCHUTES Other 10339 GERBER Other 10340 GIRVAN Other 10344 JESSUP Other 10349 MC_ARTHUR Other 10352 OREGON_TRAIL Other 10353 RAWSON Other 10354 RED_BLUFF Other 10355 RISING_RIVER <td>Other</td> <td></td> <td>10319 BANGOR</td>	Other		10319 BANGOR
Other 10322 KANAKA Other 10324 PEACHTON Other 10325 TRES_VIAS Other 10326 ANDERSON Other 10327 ANTLER Other 10330 BOGARD Other 10331 BURNEY Other 10332 CEDAR_CREEK Other 10333 CORNING Other 10333 CORNING Other 10334 DAIRYVILLE Other 10335 DESCHUTES Other 10335 DESCHUTES Other 10339 GERBER Other 10340 GIRVAN Other 10344 JESSUP Other 10345 KESWICK Other 10344 JESSUP Other 10344 JESSUP Other 10346 PANORAMA Other 10349 MC_ARTHUR Other 10352 OREGON_TRAIL Other 10352 OREGON_TRAIL Other 10352 RAWSON Other 10352 RAWSON Other 10352 SISING_RIVER Other 10353 RAWSON Other 10356 ST	Other		10320 CHALLENGE
Other 10324 PEACHTON Other 10325 TRES_VIAS Other 10326 ANDERSON Other 10327 ANTLER Other 10330 BOGARD Other 10331 BURNEY Other 10332 CEDAR_CREEK Other 10333 CORNING Other 10333 CORNING Other 10335 DESCHUTES Other 10335 DESCHUTES Other 10339 GERBER Other 10339 GERBER Other 10340 GIRVAN Other 10344 JESSUP Other 10345 KESWICK Other 10344 JESSUP Other 10346 PANORAMA Other 10346 PANORAMA Other 10348 LOS_MOLINOS Other 10350 PIT_NO_7 Other 10352 OREGON_TRAIL Other 10353 RAWSON Other 10355 RISING_RIVER Other 10355 RISING_RIVER Other 10355 VINA Other 10358 VINA Other 10360 WHIT	Other		10321 HONCUT
Other 10325 TRES_VIAS Other 10326 ANDERSON Other 10330 BOGARD Other 10330 BOGARD Other 10331 BURNEY Other 10332 CEDAR_CREEK Other 10333 CORNING Other 10333 CORNING Other 10333 CORNING Other 10333 CORNING Other 10334 DAIRYVILLE Other 10335 DESCHUTES Other 10339 GERBER Other 10340 GIRVAN Other 10344 JESSUP Other 10345 KESWICK Other 10344 JESSUP Other 10344 JESSUP Other 10344 JESSUP Other 10344 JESSUP Other 10345 KESWICK Other 10349 MC_ARTHUR Other 10350 PIT_NO_7 Other 10352 OREGON_TRAIL Other 10353 RAWSON Other 10355 RISING_RIVER Other 10355 RISING_RIVER Other 10356 STIL	Other		10322 KANAKA
Other 10326 ANDERSON Other 10327 ANTLER Other 10330 BOGARD Other 10331 BURNEY Other 10332 CEDAR_CREEK Other 10332 CORNING Other 10332 CORNING Other 10333 CORNING Other 10334 DAIRYVILLE Other 10335 DESCHUTES Other 10339 GERBER Other 10340 GIRVAN Other 10344 JESSUP Other 10345 KESWICK Other 10348 LOS_MOLINOS Other 10348 LOS_MOLINOS Other 10350 PIT_NO_7 Other 10352 OREGON_TRAIL Other 10353 RAWSON Other 10355 RISING_RIVER Other 10355 RISING_RIVER Other 10355 RISING_RIVER Other 10356 STILLWATER Other 10357 TYLER Other 10357 YLER Other 10357 SURA Other 10357 SURA Other 10350	Other		10324 PEACHTON
Other 10327 ANTLER Other 10330 BOGARD Other 10331 BURNEY Other 10332 CEDAR_CREEK Other 10333 CORNING Other 10333 CORNING Other 10333 CORNING Other 10333 CORNING Other 10334 DAIRYVILLE Other 10335 DESCHUTES Other 10339 GERBER Other 10340 GIRVAN Other 10344 JESSUP Other 10345 KESWICK Other 10348 LOS_MOLINOS Other 10348 LOS_MOLINOS Other 10350 PIT_NO_7 Other 10352 OREGON_TRAIL Other 10353 RAWSON Other 10355 RISING_RIVER Other 10355 RISING_RIVER Other 10355 RISING_RIVER Other 10356 STILLWATER Other 10350 WINA Other 10357 TYLER Other 10350 WINA Other 10357 TYLER Other 10350	Other		10325 TRES_VIAS
Other 10330 BOGARD Other 10331 BURNEY Other 10332 CEDAR_CREEK Other 10333 CORNING Other 10335 DESCHUTES Other 10339 GERBER Other 10340 GIRVAN Other 10340 GIRVAN Other 10345 KESWICK Other 10345 KESWICK Other 10346 PANORAMA Other 10349 MC_ARTHUR Other 10349 MC_ARTHUR Other 10350 PIT_NO_7 Other 10352 OREGON_TRAIL Other 10352 OREGON_TRAIL Other 10353 RAWSON Other 10357 SISING_RIVER Other 10357 TYLER Other 10358 VINA Other 10358 VINA Other 10350 WHITMORE Other 10351 WILDWOOD Other 10351 WILDWOOD Other 10372 PIT_NO_1 <td>Other</td> <td></td> <td>10326 ANDERSON</td>	Other		10326 ANDERSON
Other 10331 BURNEY Other 10332 CEDAR_CREEK Other 10333 CORNING Other 10334 DAIRYVILLE Other 10335 DESCHUTES Other 10339 GERBER Other 10340 GIRVAN Other 10340 GIRVAN Other 10345 KESWICK Other 10346 PANORAMA Other 10348 LOS_MOLINOS Other 10349 MC_ARTHUR Other 10350 PIT_NO_7 Other 10352 OREGON_TRAIL Other 10353 RAWSON Other 10353 RAWSON Other 10354 RED_BLUFF Other 10355 RISING_RIVER Other 10357 TYLER Other 10358 VINA Other 10358 VINA Other 10351 WITMORE Other 10352 PIT_NO_1 Other 10357 TYLER	Other		10327 ANTLER
Other 10332 CEDAR_CREEK Other 10333 CORNING Other 10334 DAIRYVILLE Other 10335 DESCHUTES Other 10338 FRENCH_GULCH Other 10339 GERBER Other 10340 GIRVAN Other 10344 JESSUP Other 10345 KESWICK Other 10346 PANORAMA Other 10349 MC_ARTHUR Other 10349 MC_ARTHUR Other 10350 PIT_NO_7 Other 10352 OREGON_TRAIL Other 10353 RAWSON Other 10355 RISING_RIVER Other 10356 STILLWATER Other 10356 STILLWATER Other 10358 VINA Other 10360 WHITMORE Other 10360 WHITMORE Other 10361 WILDWOOD Other 10372 PIT_NO_1 Other 10373 PIT_NO_3	Other		10330 BOGARD
Other 10333 CORNING Other 10334 DAIRYVILLE Other 10335 DESCHUTES Other 10338 FRENCH_GULCH Other 10339 GERBER Other 10340 GIRVAN Other 10340 GIRVAN Other 10344 JESSUP Other 10345 KESWICK Other 10346 PANORAMA Other 10348 LOS_MOLINOS Other 10349 MC_ARTHUR Other 10350 PIT_NO_7 Other 10352 OREGON_TRAIL Other 10353 RAWSON Other 10355 RISING_RIVER Other 10355 RISING_RIVER Other 10356 STILLWATER Other 10356 VINA Other 10356 WINA Other 10360 WHITMORE Other 10361 WILDWOOD Other 10373 PIT_NO_1 Other 10373 PIT_NO_3	Other		10331 BURNEY
Other 10334 DAIRYVILLE Other 10335 DESCHUTES Other 10338 FRENCH_GULCH Other 10339 GERBER Other 10340 GIRVAN Other 10344 JESSUP Other 10345 KESWICK Other 10346 PANORAMA Other 10348 LOS_MOLINOS Other 10349 MC_ARTHUR Other 10350 PIT_NO_7 Other 10352 OREGON_TRAIL Other 10353 RAWSON Other 10355 RISING_RIVER Other 10355 RISING_RIVER Other 10357 TYLER Other 10360 WHITMORE Other 10361 WILDWOOD Other 10373 PIT_NO_3	Other		10332 CEDAR_CREEK
Other 10335 DESCHUTES Other 10338 FRENCH_GULCH Other 10339 GERBER Other 10340 GIRVAN Other 10340 GIRVAN Other 10344 JESSUP Other 10345 KESWICK Other 10346 PANORAMA Other 10348 LOS_MOLINOS Other 10349 MC_ARTHUR Other 10350 PIT_NO_7 Other 10352 OREGON_TRAIL Other 10353 RAWSON Other 10355 RISING_RIVER Other 10356 STILLWATER Other 10357 TYLER Other 10358 VINA Other 10360 WHITMORE Other 10361 WILDWOOD Other 10373 PIT_NO_1	Other		10333 CORNING
Other 10338 FRENCH_GULCH Other 10339 GERBER Other 10340 GIRVAN Other 10340 GIRVAN Other 10344 JESSUP Other 10345 KESWICK Other 10346 PANORAMA Other 10348 LOS_MOLINOS Other 10349 MC_ARTHUR Other 10350 PIT_NO_7 Other 10352 OREGON_TRAIL Other 10352 OREGON_TRAIL Other 10353 RAWSON Other 10354 RED_BLUFF Other 10355 RISING_RIVER Other 10356 STILLWATER Other 10357 TYLER Other 10360 WHITMORE Other 10361 WILDWOOD Other 10372 PIT_NO_1 Other 10373 PIT_NO_3	Other		10334 DAIRYVILLE
Other 10339 GERBER Other 10340 GIRVAN Other 10344 JESSUP Other 10345 KESWICK Other 10346 PANORAMA Other 10348 LOS_MOLINOS Other 10349 MC_ARTHUR Other 10350 PIT_NO_7 Other 10352 OREGON_TRAIL Other 10353 RAWSON Other 10355 RISING_RIVER Other 10356 STILLWATER Other 10357 TYLER Other 10358 VINA Other 10357 TYLER Other 10350 WINTMORE Other 10351 WILDWOOD Other 10372 PIT_NO_1 Other 10373 PIT_NO_3	Other		10335 DESCHUTES
Other 10340 GIRVAN Other 10344 JESSUP Other 10345 KESWICK Other 10346 PANORAMA Other 10348 LOS_MOLINOS Other 10349 MC_ARTHUR Other 10350 PIT_NO_7 Other 10352 OREGON_TRAIL Other 10353 RAWSON Other 10355 RISING_RIVER Other 10355 RISING_RIVER Other 10356 STILLWATER Other 10358 VINA Other 10360 WHITMORE Other 10361 WILDWOOD Other 10373 PIT_NO_1	Other		10338 FRENCH_GULCH
Other 10344 JESSUP Other 10345 KESWICK Other 10346 PANORAMA Other 10348 LOS_MOLINOS Other 10349 MC_ARTHUR Other 10350 PIT_NO_7 Other 10352 OREGON_TRAIL Other 10352 OREGON_TRAIL Other 10353 RAWSON Other 10355 RISING_RIVER Other 10356 STILLWATER Other 10358 VINA Other 10360 WHITMORE Other 10361 WILDWOOD Other 10373 PIT_NO_1	Other		10339 GERBER
Other 10345 KESWICK Other 10346 PANORAMA Other 10348 LOS_MOLINOS Other 10349 MC_ARTHUR Other 10350 PIT_NO_7 Other 10352 OREGON_TRAIL Other 10353 RAWSON Other 10355 RISING_RIVER Other 10355 RISING_RIVER Other 10356 STILLWATER Other 10358 VINA Other 10360 WHITMORE Other 10361 WILDWOOD Other 10372 PIT_NO_1 Other 10373 PIT_NO_3	Other		10340 GIRVAN
Other 10346 PANORAMA Other 10348 LOS_MOLINOS Other 10349 MC_ARTHUR Other 10350 PIT_NO_7 Other 10352 OREGON_TRAIL Other 10352 OREGON_TRAIL Other 10353 RAWSON Other 10354 RED_BLUFF Other 10355 RISING_RIVER Other 10356 STILLWATER Other 10357 TYLER Other 10358 VINA Other 10360 WHITMORE Other 10361 WILDWOOD Other 10372 PIT_NO_1 Other 10373 PIT_NO_3	Other		10344 JESSUP
Other 10348 LOS_MOLINOS Other 10349 MC_ARTHUR Other 10350 PIT_NO_7 Other 10352 OREGON_TRAIL Other 10353 RAWSON Other 10354 RED_BLUFF Other 10355 RISING_RIVER Other 10356 STILLWATER Other 10357 TYLER Other 10358 VINA Other 10360 WHITMORE Other 10361 WILDWOOD Other 10372 PIT_NO_1 Other 10373 PIT_NO_3	Other		10345 KESWICK
Other 10349 MC_ARTHUR Other 10350 PIT_NO_7 Other 10352 OREGON_TRAIL Other 10353 RAWSON Other 10354 RED_BLUFF Other 10355 RISING_RIVER Other 10356 STILLWATER Other 10357 TYLER Other 10360 WHITMORE Other 10361 WILDWOOD Other 10373 PIT_NO_3	Other		10346 PANORAMA
Other 10350 PIT_NO_7 Other 10352 OREGON_TRAIL Other 10353 RAWSON Other 10354 RED_BLUFF Other 10355 RISING_RIVER Other 10356 STILLWATER Other 10357 TYLER Other 10358 VINA Other 10360 WHITMORE Other 10361 WILDWOOD Other 10373 PIT_NO_3	Other		10348 LOS_MOLINOS
Other 10352 OREGON_TRAIL Other 10353 RAWSON Other 10354 RED_BLUFF Other 10355 RISING_RIVER Other 10356 STILLWATER Other 10357 TYLER Other 10358 VINA Other 10360 WHITMORE Other 10361 WILDWOOD Other 10372 PIT_NO_1 Other 10373 PIT_NO_3	Other		10349 MC_ARTHUR
Other 10353 RAWSON Other 10354 RED_BLUFF Other 10355 RISING_RIVER Other 10356 STILLWATER Other 10357 TYLER Other 10358 VINA Other 10360 WHITMORE Other 10361 WILDWOOD Other 10373 PIT_NO_3	Other		10350 PIT_NO_7
Other 10354 RED_BLUFF Other 10355 RISING_RIVER Other 10356 STILLWATER Other 10357 TYLER Other 10358 VINA Other 10360 WHITMORE Other 10361 WILDWOOD Other 10372 PIT_NO_1 Other 10373 PIT_NO_3	Other		10352 OREGON_TRAIL
Other 10355 RISING_RIVER Other 10356 STILLWATER Other 10357 TYLER Other 10358 VINA Other 10360 WHITMORE Other 10361 WILDWOOD Other 10372 PIT_NO_1 Other 10373 PIT_NO_3	Other		10353 RAWSON
Other 10356 STILLWATER Other 10357 TYLER Other 10358 VINA Other 10360 WHITMORE Other 10361 WILDWOOD Other 10372 PIT_NO_1 Other 10373 PIT_NO_3	Other		10354 RED_BLUFF
Other 10357 TYLER Other 10358 VINA Other 10360 WHITMORE Other 10361 WILDWOOD Other 10372 PIT_NO_1 Other 10373 PIT_NO_3	Other		10355 RISING_RIVER
Other 10358 VINA Other 10360 WHITMORE Other 10361 WILDWOOD Other 10372 PIT_NO_1 Other 10373 PIT_NO_3	Other		10356 STILLWATER
Other 10360 WHITMORE Other 10361 WILDWOOD Other 10372 PIT_NO_1 Other 10373 PIT_NO_3	Other		10357 TYLER
Other 10361 WILDWOOD Other 10372 PIT_NO_1 Other 10373 PIT_NO_3	Other		10358 VINA
Other 10372 PIT_NO_1 Other 10373 PIT_NO_3	Other		10360 WHITMORE
Other 10373 PIT_NO_3	Other		10361 WILDWOOD
	Other		10372 PIT_NO_1
Other 16267 WESTLEY	Other		10373 PIT_NO_3
	Other		16267 WESTLEY

Local Capacity Area	Substation_cd	Substation Description
Other		16274 NEWMAN
Other		16283 SPRING_GAP
Other		16298 VALLEY_HOME
Other		16311 GUSTINE
Other		16316 PINECREST
Other		16319 RIVERBANK
Other		16324 TAR_FLAT
Other		16325 CROWS_LANDING
Other		16335 CURTIS
Other		16366 MIWUK
Other		16371 COTTLE
Other		16376 RACETRACK
Other		16378 PEORIA FLAT
Other		18201 SALINAS
Other		18203 KING_CITY
Other		18204 CARMEL
Other		18205 SOLEDAD
Other		18206 FAIRWAY
Other		18207 CAMPHORA
Other		18208 LOS_OSITOS
Other		18209 MONTEREY
Other		18213 GONZALES
Other		18215 LOS_COCHES
Other		18219 SAN_ARDO
Other		18220 SPENCE
Other		18222 DEL_MONTE
Other		18226 BUENA_VISTA
Other		18229 HATTON
Other		18230 INDUSTRIAL_ACRES
Other		18233 GABILAN
Other		18235 CASTROVILLE
Other		18237 LAURELES
Other		18238 DOLAN_ROAD
Other		18239 OILFIELDS
Other		18240 FORT_ORD
Other		18244 PACIFIC_GROVE
Other		18246 BORONDA
Other		18249 HOLLISTER
Other		18254 ATASCADERO
Other		18255 CAYUCOS
Other		18256 CHOLAME
Other		18257 DIVIDE

Local Capacity Area	Substation_cd	Substation Description
Other		18258 GOLDTREE
Other		18260 OCEANO
Other		18261 PASO_ROBLES
Other		18263 SAN_LUIS_OBISPO
Other		18266 SAN_MIGUEL
Other		18267 SANTA_MARIA
Other		18268 ZACA
Other		18272 SANTA_YNEZ
Other		18273 RESERVATION_ROAD
Other		18274 SAN_BENITO
Other		18277 CAMBRIA
Other		18280 BAYWOOD
Other		18281 SISQUOC
Other		18282 MESA
Other		18285 VIEJO
Other		18294 OTTER
Other		18295 FOOTHILL
Other		18296 PRUNEDALE
Other		18297 PURISIMA
Other		18298 JOLON
Other		18301 MORRO_BAY
Other		18303 PALMER
Other		18304 BUELLTON
Other		18305 TEMPLETON
Other		18307 PERRY
Other		18310 CABRILLO
Other		25151 WISHON
Other		25209 CANAL
Other		25219 BEAR_VALLEY
Other		25226 LIVINGSTON
Other		25231 MENDOTA
Other		25242 DAIRYLAND
Other		25245 EL_NIDO
Other		25252 SAN_JOAQUIN_#2_PH
Other		25253 SAN_JOAQUIN_#3_PH
Other		25269 INDIAN_FLAT
Other		25276 MADERA
Other		25280 MERCED
Other		25281 MERCED_FALLS
Other		25340 HAMMONDS
Other		25347 FIREBAUGH
Other		25354 SANTA_RITA

Other 25361 ATWATER Other 25388 EL_CAPITAN Other 25398 EL_PECO Other 25404 DOS_PALOS Other 25405 SANTA_NELLA Other 25405 SANTA_NELLA Other 25430 WILSON Other 25431 ORTIGA Other 25431 ORTIGA Other 25432 CAKHURST Other 25442 CAKHURST Other 25443 COARSEGOLD Other 25443 COARSEGOLD Other 25445 MARIPOSA Other 25445 MARIPOSA Other 25461 STOREY Other 25461 WIGHT Other 25461 STOREY Other 25461 WIGHT Other 25400 GALLO Other 25370 CRESEY Other 25339 BONITA Other 25337 ORO_LOMA Other 25885 SO_CAL_EDISON_#2 Other 25885 SO_CAL_EDISON_#3 Sierra 15210 ALLEGHANY Sierra 15210 ALLEGHANY Sierra	Local Capacity Area	Substation_cd	Substation Description
Other 25398 EL_PECO Other 25404 DOS_PALOS Other 25405 SANTA_NELLA Other 25410 CHOWCHILA Other 25430 WILSON Other 25430 WILSON Other 25430 WILSON Other 25431 ORTIGA Other 25442 OAKHURST Other 25443 COARSEGOLD Other 25443 COARSEGOLD Other 25445 MARIPOSA Other 25464 NEWHALL Other 25464 WRIGHT Other 25460 WRIGHT Other 25460 WRIGHT Other 25470 CRESEY Other 25490 GALO Other 25330 ROLO Other 25330 ROLO Other 25337 ORO_LOMA Other 25385 SOCALEDISON_#2 Other 25885 SOCALEDISON_#3 Sierra 15201 MARYSVILLE Sierra 15210 ALLEGHANY Sierra 15216 AUBURN Sierra 15224 HALSEY Sierra <td< td=""><td>Other</td><td></td><td>25361 ATWATER</td></td<>	Other		25361 ATWATER
Other 25404 DOS_PALOS Other 25405 SANTA_NELLA Other 25410 CHOWCHILLA Other 25430 WILSON Other 25430 WILSON Other 25431 ORTIGA Other 25431 ORTIGA Other 25432 OAKHURST Other 25443 COARSEGOLD Other 25445 MARIPOSA Other 25445 MARIPOSA Other 25445 MARIPOSA Other 25446 NEWHALL Other 25464 WRIGHT Other 25470 CRESSEY Other 25400 GALO Other 25536 LE_GRAND Other 25537 ORO_LOMA Other 25885 SOCAL_EDISON_#2 Other 25886 SOCAL_EDISON_#3 Sierra 15201 MARYSVILLE Sierra 15210 ALLEGHANY Sierra 15210 ALLEGHANY Sierra 15210 ALLEGHANY Sierra 15216 AUBURN Sierra 15216 AUBURN Sierra 15224 HALSEY Sierra <td>Other</td> <td></td> <td>25388 EL_CAPITAN</td>	Other		25388 EL_CAPITAN
Other 25405 SANTA_NELLA Other 25410 CHOWCHILLA Other 25427 CASSIDY Other 25430 WILSON Other 25431 ORTIGA Other 25431 ORTIGA Other 25443 COARSEGOLD Other 25443 COARSEGOLD Other 25443 COARSEGOLD Other 25445 MARIPOSA Other 25446 NEWHALL Other 25461 STOREY Other 25464 WRIGHT Other 25470 CRESSEY Other 25361 E_GRAND Other 25530 EL_GRAND Other 25537 ORO_LOMA Other 25399 BONITA Other 25885 SOCALEDISON_#2 Other 25886 SOCALEDISON_#3 Sierra 15201 MARYSVILLE Sierra 15203 GRASS_VALLEY Sierra 15216 AUBURN Sierra 15216 AUBURN Sierra 15220 PIKE_CITY Sierra 15220 FILL Sierra 15220 PIKE_CITY Sie	Other		25398 EL_PECO
Other 25410 CHOWCHILLA Other 25427 CASSIDY Other 25430 WILSON Other 25431 ORTIGA Other 25431 ORTIGA Other 25443 COARSEGOLD Other 25443 COARSEGOLD Other 25445 MARIPOSA Other 25461 STOREY Other 25464 WRIGHT Other 25464 WRIGHT Other 25464 WRIGHT Other 25470 CRESSEY Other 25490 GALLO Other 25512 BORDEN Other 25537 ORO_LOMA Other 25537 ORO_LOMA Other 25389 BONITA Other 25885 SOCAL_EDISON_#2 Other 25886 SOCAL_EDISON_#3 Sierra 15201 MARYSVILLE Sierra 15203 GRASS_VALLEY Sierra 15216 AUBURN Sierra 15216 AUBURN Sierra 15216 AUBURN Sierra 15220 PIKE_CITY Sierra 15220 FINIGS Sierra	Other		25404 DOS_PALOS
Other 25427 CASSIDY Other 25430 WILSON Other 25431 ORTIGA Other 25442 OAKHURST Other 25443 COARSEGOLD Other 25443 COARSEGOLD Other 25445 MARIPOSA Other 25446 NEWHALL Other 25446 NEWHALL Other 25446 NEWHALL Other 25446 NEWHALL Other 25440 RESEY Other 25470 CRESSEY Other 25430 GALLO Other 25532 BORDEN Other 25537 ORO_LOMA Other 25539 BONITA Other 25339 BONITA Other 25885 SO_CAL_EDISON_#2 Other 25886 SO_CAL_EDISON_#3 Sierra 15201 MARYSVILLE Sierra 15206 ROCKLIN Sierra 15210 ALLEGHANY Sierra 15210 ALLEGHANY Sierra 15218 FORESTHILL Sierra 15220 PIKE_CITY Sierra 15220 PIKE_CITY Sierra	Other		25405 SANTA_NELLA
Other25430 WILSONOther25431 ORTIGAOther25442 OAKHURSTOther25443 COARSEGOLDOther25445 MARIPOSAOther25446 NEWHALLOther25446 NEWHALLOther25461 STOREYOther25464 WRIGHTOther25406 AURONOther25409 GALLOOther25512 BORDENOther25536 LE_GRANDOther25537 ORO_LOMAOther25389 BONITAOther25885 SO_CAL_EDISON_#2Other25886 SO_CAL_EDISON_#3Sierra15201 MARYSVILLESierra15203 GRASS_VALLEYSierra15210 ALLEGHANYSierra15210 ALLEGHANYSierra15210 ALLEGHANYSierra15216 AUBURNSierra15218 FORESTHILLSierra15220 PIKE_CITYSierra15220 PIKE_CITYSierra15226 DIAMOND_SPRINGSSierra15226 DIAMOND_SPRINGSSierra15226 DIAMOND_SPRINGSSierra15228 MOUNTAIN_QUARRIESSierra15228 MOUNTAIN_QUARRIESSierra15230 BONNIE_NOOKSierra15230 BONNIE_NOOKSierra15230 DONNIE_NOOKSierra15230 DONNIE_NOOKSierra15230 DONNIE_NOOKSierra15230 DONNIE_NOOKSierra15230 DONNIE_NOOKSierra15230 DONNIE_NOOKSierra15230 DONNIE_NOOKSierra15230 DONNIE_NOOKSierra15230 DONNIE_NOOK	Other		25410 CHOWCHILLA
Other25431 ORTIGAOther25442 OAKHURSTOther25443 COARSEGOLDOther25443 COARSEGOLDOther25445 MARIPOSAOther25446 NEWHALLOther25461 STOREYOther25464 WRIGHTOther25470 CRESSEYOther25490 GALLOOther25512 BORDENOther25536 LE_GRANDOther25350 CAL_EDISON_#2Other25337 ORO_LOMAOther25885 SO_CAL_EDISON_#2Other25886 SO_CAL_EDISON_#3Sierra15201 MARYSVILLESierra15203 GRASS_VALLEYSierra15204 CKLINSierra15210 ALLEGHANYSierra15210 ALLEGHANYSierra15216 AUBURNSierra15216 AUBURNSierra15220 PIKE_CITYSierra15220 PIKE_CITYSierra15220 PIKE_CITYSierra15227 WISESierra15227 WISESierra15227 WISESierra15227 WISESierra15220 ROUNTAIN_QUARRIESSierra15220 ROUNTAIN_QUARRIESSierra15220 ROUNTAIN_QUARRIESSierra15220 ROUNTAIN_QUARRIESSierra15220 ROUNTAIN_QUARRIESSierra15230 BONNIE_NOOKSierra15230 RONNIE_NOOKSierra15230 RONNIE_NOOKSierra15230 RONNIE_NOOKSierra15230 RONNIE_NOOKSierra15230 RONNIE_NOOKSierra15230 RONNIE_NOOKSierra	Other		25427 CASSIDY
Other 25442 OAKHURST Other 25443 COARSEGOLD Other 25445 MARIPOSA Other 25446 NEWHALL Other 25461 STOREY Other 25464 WRIGHT Other 25470 CRESSEY Other 25490 GALLO Other 25490 GALLO Other 2530 LE_GRAND Other 2533 LE_GRAND Other 2533 BONITA Other 2533 BONITA Other 25385 SOCALEDISON_#2 Other 25885 SOCALEDISON_#3 Sierra 15201 MARYSVILLE Sierra 15203 GRASS_VALLEY Sierra 15210 ALLEGHANY Sierra 15210 ALLEGHANY Sierra 15210 ALLEGHANY Sierra 15216 AUBURN Sierra 15220 PIKE_CITY Sierra 15220 PIKE_CITY Sierra 15225 SPAULDING Sierra 15225 SPAULDING Sierra 15227 WISE Sierra 15228 MOUNTAIN_QUARRIES Sierra 15220 RUMON Sierra 15220	Other		25430 WILSON
Other25443 COARSEGOLDOther25445 MARIPOSAOther25446 NEWHALLOther25461 STOREYOther25464 WRIGHTOther25470 CRESSEYOther25490 GALLOOther25512 BORDENOther25536 LE_GRANDOther25537 ORO_LOMAOther25539 BONITAOther25885 SOCALEDISON_#2Other25885 SOCALEDISON_#2Other25886 SOCALEDISON_#3Sierra15201 MARYSVILLESierra15203 GRASS_VALLEYSierra15216 ROCKLINSierra15216 AUBURNSierra15215 EAST_NICOLAUSSierra15220 PIKE_CITYSierra15220	Other		25431 ORTIGA
Other 25445 MARIPOSA Other 25446 NEWHALL Other 25461 STOREY Other 25464 WRIGHT Other 25470 CRESSEY Other 25490 GALLO Other 25512 BORDEN Other 25536 LE_GRAND Other 25537 ORO_LOMA Other 25539 BONITA Other 25885 SOCALEDISON_#2 Other 25886 SOCALEDISON_#3 Sierra 15201 MARYSVILLE Sierra 15203 GRASS_VALLEY Sierra 15206 ROCKLIN Sierra 15210 ALLEGHANY Sierra 15216 AUBURN Sierra 15216 AUBURN Sierra 15216 AUBURN Sierra 15220 PIKE_CITY Sierra 15220 PIMOND_SPRINGS Sierra	Other		25442 OAKHURST
Other 25446 NEWHALL Other 25461 STOREY Other 25464 WRIGHT Other 25470 CRESSEY Other 25490 GALLO Other 25512 BORDEN Other 25536 LE_GRAND Other 25537 ORO_LOMA Other 25539 BONITA Other 25539 BONITA Other 25885 SOCALEDISON_#2 Other 25886 SOCALEDISON_#3 Sierra 15201 MARYSVILLE Sierra 15203 GRASS_VALLEY Sierra 15206 ROCKLIN Sierra 15210 ALLEGHANY Sierra 15210 ALLEGHANY Sierra 15216 AUBURN Sierra 15216 AUBURN Sierra 15216 AUBURN Sierra 15220 PIKE_CITY Sierra 15220 PIKE_CITY Sierra 15225 SPAULDING Sierra 15225 SPAULDING Sierra 15227 WISE Sierra 15229 TAMARACK Sierra 15230 BONNIE_NOOK Sierra 15230 BONNIE_NOK Sierra 15230	Other		25443 COARSEGOLD
Other 25461 STOREY Other 25464 WRIGHT Other 25470 CRESSEY Other 25490 GALLO Other 2512 BORDEN Other 25536 LE_GRAND Other 25537 ORO_LOMA Other 25537 ORO_LOMA Other 25539 BONITA Other 25539 BONITA Other 25885 SOCALEDISON_#2 Other 25886 SOCALEDISON_#3 Sierra 15201 MARYSVILLE Sierra 15203 GRASS_VALLEY Sierra 15200 ROCKLIN Sierra 15210 ALLEGHANY Sierra 15216 AUBURN Sierra 15216 AUBURN Sierra 15216 AUBURN Sierra 15220 PIKE_CITY Sierra 152220 PIKE_CITY Sierra 15226 DIAMOND_SPRINGS Sierra 15227 WISE Sierra 15228 MOUNTAIN_QUARRIES Sierra 15229 TAMARACK Sierra 15220 BONNIE_NOOK Sierra 15230 BONNIE_NOK <t< td=""><td>Other</td><td></td><td>25445 MARIPOSA</td></t<>	Other		25445 MARIPOSA
Other 25464 WRIGHT Other 25470 CRESSEY Other 25512 BORDEN Other 25536 LE_GRAND Other 25536 LE_GRAND Other 25537 ORO_LOMA Other 25539 BONITA Other 25835 SOCALEDISON_#2 Other 25865 SOCALEDISON_#3 Sierra 15201 MARYSVILLE Sierra 15203 GRASS_VALLEY Sierra 15210 ALLEGHANY Sierra 15210 ALLEGHANY Sierra 15210 ALLEGHANY Sierra 15210 ALLEGHANY Sierra 15216 AUBURN Sierra 15218 FORESTHILL Sierra 15220 PIKE_CITY Sierra 15220 PIKE_CITY Sierra 15226 DIAMOND_SPRINGS Sierra 15226 DIAMOND_SPRINGS Sierra 15226 DIAMOND_SPRINGS Sierra 15228 MOUNTAIN_QUARRIES Sierra 15229 TAMARACK Sierra 15220 RUM Sierra 15220 RUM Sierra 15220 RUM Sierra 15223 DRUM	Other		25446 NEWHALL
Other 25470 CRESSEY Other 25490 GALLO Other 25512 BORDEN Other 25536 LE_GRAND Other 25537 ORO_LOMA Other 25537 ORO_LOMA Other 25539 BONITA Other 25885 SOCALEDISON_#2 Other 25886 SOCALEDISON_#2 Other 25886 SOCALEDISON_#3 Sierra 15201 MARYSVILLE Sierra 15203 GRASS_VALLEY Sierra 15206 ROCKLIN Sierra 15206 ROCKLIN Sierra 15210 ALLEGHANY Sierra 15210 ALLEGHANY Sierra 15216 AUBURN Sierra 15216 AUBURN Sierra 15224 FORESTHILL Sierra 15225 SPAULDING Sierra 15225 SPAULDING Sierra 15227 WISE Sierra 15228 MOUNTAIN_QUARRIES Sierra 15229 TAMARACK Sierra 15230 BONNIE_NOOK Sierra 15230 BONNIE_NOOK Sierra 15232 DRUM Sierra 15232 DRUM	Other		25461 STOREY
Other 25490 GALLO Other 25512 BORDEN Other 25536 LE_GRAND Other 25537 ORO_LOMA Other 25539 BONITA Other 25539 BONITA Other 25885 SOCALEDISON_#2 Other 25886 SOCALEDISON_#3 Sierra 15201 MARYSVILLE Sierra 15203 GRASS_VALLEY Sierra 15206 ROCKLIN Sierra 15210 ALLEGHANY Sierra 15210 ALLEGHANY Sierra 15210 ALLEGHANY Sierra 15210 ALLEGHANY Sierra 15216 AUBURN Sierra 15216 AUBURN Sierra 15220 PIKE_CITY Sierra 15220 PIKE_CITY Sierra 15220 PIKE_CITY Sierra 15226 DIAMOND_SPRINGS Sierra 15227 WISE Sierra 15228 MOUNTAIN_QUARRIES Sierra 15230 BONNIE_NOOK Sierra 15230 BONNIE_NOOK Sierra 15230 DRUM Sierra 15230 RUM	Other		25464 WRIGHT
Other25512 BORDENOther25536 LE_GRANDOther25537 ORO_LOMAOther25539 BONITAOther25885 SOCALEDISON_#2Other25886 SOCALEDISON_#3Sierra15201 MARYSVILLESierra15203 GRASS_VALLEYSierra15206 ROCKLINSierra15210 ALLEGHANYSierra15210 ALLEGHANYSierra15215 EAST_NICOLAUSSierra15216 AUBURNSierra15218 FORESTHILLSierra15220 PIKE_CITYSierra15220 PIKE_CITYSierra15225 SPAULDINGSierra15225 SPAULDINGSierra15227 WISESierra15227 WISESierra15229 TAMARACKSierra15220 ROUNTAIN_QUARRIESSierra15220 ROUNTAIN_QUARRIESSierra15220 ROUNTAIN_QUARRIESSierra15220 ROUNTAIN_QUARRIESSierra15220 ROUNTAIN_QUARRIESSierra15220 ROUNTAIN_QUARRIESSierra15220 ROUNTAIN_QUARRIESSierra15230 BONNIE_NOOKSierra15230 ROUNTAIN_SVILLE	Other		25470 CRESSEY
Other25536 LE_GRANDOther25537 ORO_LOMAOther25539 BONITAOther25885 SOCALEDISON_#2Other25886 SOCALEDISON_#3Sierra15201 MARYSVILLESierra15203 GRASS_VALLEYSierra15206 ROCKLINSierra15210 ALLEGHANYSierra15210 ALLEGHANYSierra15215 EAST_NICOLAUSSierra15216 AUBURNSierra15220 PIKE_CITYSierra15220 PIKE_CITYSierra15225 SPAULDINGSierra15225 SPAULDINGSierra15227 WISESierra15228 MOUNTAIN_QUARRIESSierra15229 TAMARACKSierra15230 BONNIE_NOOKSierra15230 RONNIE_NOOKSierra15230 RONNIE_NOOKSierra15230 RANSE_VILLE	Other		25490 GALLO
Other25537 ORO_LOMAOther25539 BONITAOther25885 SOCALEDISON_#2Other25886 SOCALEDISON_#3Sierra15201 MARYSVILLESierra15203 GRASS_VALLEYSierra15206 ROCKLINSierra15210 ALLEGHANYSierra15210 ALLEGHANYSierra15211 BARRYSierra15215 EAST_NICOLAUSSierra15216 AUBURNSierra15218 FORESTHILLSierra15220 PIKE_CITYSierra15220 PIKE_CITYSierra15226 DIAMOND_SPRINGSSierra15226 DIAMOND_SPRINGSSierra15229 TAMARACKSierra15229 TAMARACKSierra15230 BONNIE_NOOKSierra15230 BONNIE_NOOKSierra15232 DRUMSierra15232 DRUM	Other		25512 BORDEN
Other 25539 BONITA Other 25885 SOCALEDISON_#2 Other 25886 SOCALEDISON_#3 Sierra 15201 MARYSVILLE Sierra 15203 GRASS_VALLEY Sierra 15206 ROCKLIN Sierra 15210 ALLEGHANY Sierra 15210 ALLEGHANY Sierra 15211 BARRY Sierra 15215 EAST_NICOLAUS Sierra 15216 AUBURN Sierra 15218 FORESTHILL Sierra 15220 PIKE_CITY Sierra 15224 HALSEY Sierra 15225 SPAULDING Sierra 15226 DIAMOND_SPRINGS Sierra 15227 WISE Sierra 15229 TAMARACK Sierra 15230 BONNIE_NOOK Sierra 15230 BONNIE_NOOK Sierra 15232 DRUM Sierra 15233 EAST_MARYSVILLE	Other		25536 LE_GRAND
Other 25885 SOCALEDISON_#2 Other 25886 SOCALEDISON_#3 Sierra 15201 MARYSVILLE Sierra 15203 GRASS_VALLEY Sierra 15206 ROCKLIN Sierra 15210 ALLEGHANY Sierra 15210 ALLEGHANY Sierra 15210 ALLEGHANY Sierra 15211 BARRY Sierra 15216 AUBURN Sierra 15216 AUBURN Sierra 15218 FORESTHILL Sierra 15220 PIKE_CITY Sierra 15224 HALSEY Sierra 15225 SPAULDING Sierra 15226 DIAMOND_SPRINGS Sierra 15227 WISE Sierra 15228 MOUNTAIN_QUARRIES Sierra 15230 BONNIE_NOOK Sierra 15230 BONNIE_NOOK Sierra 15230 BONNIE_NOOK	Other		25537 ORO_LOMA
Other25886 SOCALEDISON_#3Sierra15201 MARYSVILLESierra15203 GRASS_VALLEYSierra15206 ROCKLINSierra15210 ALLEGHANYSierra15211 BARRYSierra15215 EAST_NICOLAUSSierra15216 AUBURNSierra15218 FORESTHILLSierra15220 PIKE_CITYSierra15220 PIKE_CITYSierra15226 DIAMOND_SPRINGSSierra15226 DIAMOND_SPRINGSSierra15227 WISESierra15229 TAMARACKSierra15230 BONNIE_NOOKSierra15230 DUMSierra15232 DRUMSierra15232 DRUM	Other		25539 BONITA
Sierra15201 MARYSVILLESierra15203 GRASS_VALLEYSierra15206 ROCKLINSierra15210 ALLEGHANYSierra15211 BARRYSierra15215 EAST_NICOLAUSSierra15216 AUBURNSierra15218 FORESTHILLSierra15220 PIKE_CITYSierra15224 HALSEYSierra15225 SPAULDINGSierra15226 DIAMOND_SPRINGSSierra15227 WISESierra15228 MOUNTAIN_QUARRIESSierra15229 TAMARACKSierra15230 BONNIE_NOOKSierra15232 DRUMSierra15232 DRUM	Other		25885 SOCALEDISON_#2
Sierra15203 GRASS_VALLEYSierra15206 ROCKLINSierra15210 ALLEGHANYSierra15211 BARRYSierra15215 EAST_NICOLAUSSierra15216 AUBURNSierra15218 FORESTHILLSierra15220 PIKE_CITYSierra15224 HALSEYSierra15225 SPAULDINGSierra15226 DIAMOND_SPRINGSSierra15227 WISESierra15228 MOUNTAIN_QUARRIESSierra15229 TAMARACKSierra15230 BONNIE_NOOKSierra15232 DRUMSierra15232 DRUM	Other		25886 SOCALEDISON_#3
Sierra15206 ROCKLINSierra15210 ALLEGHANYSierra15211 BARRYSierra15215 EAST_NICOLAUSSierra15216 AUBURNSierra15218 FORESTHILLSierra15220 PIKE_CITYSierra15224 HALSEYSierra15225 SPAULDINGSierra15226 DIAMOND_SPRINGSSierra15227 WISESierra15228 MOUNTAIN_QUARRIESSierra15229 TAMARACKSierra15230 BONNIE_NOOKSierra15230 RUMSierra15230 RUM	Sierra		15201 MARYSVILLE
Sierra15210 ALLEGHANYSierra15211 BARRYSierra15215 EAST_NICOLAUSSierra15216 AUBURNSierra15218 FORESTHILLSierra15220 PIKE_CITYSierra15224 HALSEYSierra15226 DIAMOND_SPRINGSSierra15226 DIAMOND_SPRINGSSierra15228 MOUNTAIN_QUARRIESSierra15229 TAMARACKSierra15230 BONNIE_NOOKSierra15230 DRUMSierra15230 DRUM	Sierra		15203 GRASS_VALLEY
Sierra15211 BARRYSierra15215 EAST_NICOLAUSSierra15216 AUBURNSierra15218 FORESTHILLSierra15220 PIKE_CITYSierra15224 HALSEYSierra15225 SPAULDINGSierra15226 DIAMOND_SPRINGSSierra15227 WISESierra15228 MOUNTAIN_QUARRIESSierra15229 TAMARACKSierra15230 BONNIE_NOOKSierra15232 DRUMSierra15232 DRUM	Sierra		15206 ROCKLIN
Sierra15215 EAST_NICOLAUSSierra15216 AUBURNSierra15218 FORESTHILLSierra15220 PIKE_CITYSierra15224 HALSEYSierra15225 SPAULDINGSierra15226 DIAMOND_SPRINGSSierra15227 WISESierra15229 TAMARACKSierra15230 BONNIE_NOOKSierra15230 RUMSierra15232 DRUM	Sierra		15210 ALLEGHANY
Sierra15216 AUBURNSierra15218 FORESTHILLSierra15220 PIKE_CITYSierra15224 HALSEYSierra15225 SPAULDINGSierra15226 DIAMOND_SPRINGSSierra15227 WISESierra15228 MOUNTAIN_QUARRIESSierra15229 TAMARACKSierra15230 BONNIE_NOOKSierra15232 DRUMSierra15232 DRUM	Sierra		15211 BARRY
Sierra15218 FORESTHILLSierra15220 PIKE_CITYSierra15224 HALSEYSierra15225 SPAULDINGSierra15226 DIAMOND_SPRINGSSierra15227 WISESierra15228 MOUNTAIN_QUARRIESSierra15229 TAMARACKSierra15230 BONNIE_NOOKSierra15232 DRUMSierra15232 DRUM	Sierra		15215 EAST_NICOLAUS
Sierra15220 PIKE_CITYSierra15224 HALSEYSierra15225 SPAULDINGSierra15226 DIAMOND_SPRINGSSierra15227 WISESierra15228 MOUNTAIN_QUARRIESSierra15229 TAMARACKSierra15230 BONNIE_NOOKSierra15232 DRUMSierra15232 DRUM	Sierra		15216 AUBURN
Sierra15224 HALSEYSierra15225 SPAULDINGSierra15226 DIAMOND_SPRINGSSierra15227 WISESierra15228 MOUNTAIN_QUARRIESSierra15229 TAMARACKSierra15230 BONNIE_NOOKSierra15232 DRUMSierra15233 EAST_MARYSVILLE	Sierra		15218 FORESTHILL
Sierra15225 SPAULDINGSierra15226 DIAMOND_SPRINGSSierra15227 WISESierra15228 MOUNTAIN_QUARRIESSierra15229 TAMARACKSierra15230 BONNIE_NOOKSierra15232 DRUMSierra15233 EAST_MARYSVILLE	Sierra		15220 PIKE_CITY
Sierra15226 DIAMOND_SPRINGSSierra15227 WISESierra15228 MOUNTAIN_QUARRIESSierra15229 TAMARACKSierra15230 BONNIE_NOOKSierra15232 DRUMSierra15233 EAST_MARYSVILLE	Sierra		15224 HALSEY
Sierra15227 WISESierra15228 MOUNTAIN_QUARRIESSierra15229 TAMARACKSierra15230 BONNIE_NOOKSierra15232 DRUMSierra15233 EAST_MARYSVILLE	Sierra		15225 SPAULDING
Sierra15228 MOUNTAIN_QUARRIESSierra15229 TAMARACKSierra15230 BONNIE_NOOKSierra15232 DRUMSierra15233 EAST_MARYSVILLE	Sierra		15226 DIAMOND_SPRINGS
Sierra15229 TAMARACKSierra15230 BONNIE_NOOKSierra15232 DRUMSierra15233 EAST_MARYSVILLE	Sierra		15227 WISE
Sierra15230 BONNIE_NOOKSierra15232 DRUMSierra15233 EAST_MARYSVILLE	Sierra		15228 MOUNTAIN_QUARRIES
Sierra 15232 DRUM Sierra 15233 EAST_MARYSVILLE	Sierra		15229 TAMARACK
Sierra 15233 EAST_MARYSVILLE	Sierra		15230 BONNIE_NOOK
—	Sierra		15232 DRUM
Sierra 15243 SHADY_GLEN	Sierra		15233 EAST_MARYSVILLE
	Sierra		15243 SHADY_GLEN

Local Capacity Area	Substation_cd	Substation Description
Sierra		15244 PLEASANT_GROVE
Sierra		15246 PLACER
Sierra		15247 COLUMBIA_HILL
Sierra		15248 BRUNSWICK
Sierra		15249 WEIMAR
Sierra		15253 FLINT
Sierra		15256 PENRYN
Sierra		15257 HORSESHOE
Sierra		15258 DEL_MAR
Sierra		15259 SUMMIT
Sierra		15269 HIGGINS
Sierra		15270 BELL
Sierra		15276 EL_DORADO_PH
Sierra		15281 WHEATLAND
Sierra		15285 HARTER
Sierra		15290 OLIVEHURST
Sierra		15292 BROWNS_VALLEY
Sierra		15308 PLACERVILLE
Sierra		15313 NARROWS
Sierra		15361 CLARKSVILLE
Sierra		15365 SHINGLE_SPRINGS
Sierra		15366 APPLE_HILL
Sierra		15370 LINCOLN
Sierra		15371 TUDOR
Sierra		15373 PLUMAS
Sierra		15374 DOBBINS
Sierra		15375 PEASE
Sierra		15376 CATLETT
Sierra		15377 LIVE_OAK
Sierra		15378 BOGUE
Sierra		15379 SMARTVILLE
Sierra		15803 ECHO_SUMMIT
Stockton		16138 TIGER_CREEK
Stockton		16207 LINDEN
Stockton		16208 NEW_HOPE
Stockton		16209 MIDDLE_RIVER
Stockton		16211 LODI
Stockton		16216 ELECTRA
Stockton		16221 CALAVERAS_CEMENT
Stockton		16223 COLONY
Stockton		16230 MONARCH
Stockton		16237 STOCKTON_A

Local Capacity Area	Substation_cd	Substation Description
Stockton		16242 STAGG
Stockton		16247 BANTA
Stockton		16261 MANTECA
Stockton		16270 VIERRA
Stockton		16277 LAMMERS
Stockton		16282 STANISLAUS
Stockton		16288 TRACY
Stockton		16299 CORRAL
Stockton		16301 MARTELL
Stockton		16302 TERMINOUS
Stockton		16307 CHANNEL
Stockton		16308 ROUGH_AND_READY_ISL
Stockton		16309 CARBONA
Stockton		16312 COUNTRY_CLUB
Stockton		16313 EAST_STOCKTON
Stockton		16315 WATERLOO
Stockton		16320 WEST_POINT
Stockton		16321 MORMON
Stockton		16322 STOCKTON_ACRES
Stockton		16323 NORTH_BRANCH
Stockton		16327 OAK_PARK
Stockton		16328 VICTOR
Stockton		16329 FRENCH_CAMP
Stockton		16330 HAMMER
Stockton		16331 HARDING
Stockton		16334 CLAY
Stockton		16345 FROGTOWN
Stockton		16348 WEBER
Stockton		16354 OLETA
Stockton		16356 ALPINE
Stockton		16357 AVENA
Stockton		16362 WEST_LANE
Stockton		16365 CHEROKEE
Stockton		16368 LOCKEFORD
Stockton		16369 SALT_SPRINGS
Stockton		16370 METTLER
Stockton		16372 MOSHER
Stockton		16374 HERDLYN
Stockton		16375 PINE_GROVE
Stockton		16380 RIPON
Stockton		16388 IONE
Stockton		16391 EIGHT_MILE
		—

Local Capacity AreaSubstation_cdSubstation DescriptionStockton16888 TOKAY

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Attachment C

Qualitative Scoring Matrix

Qualitative Scoring Matrix

		Score		Weight			Weighted Score
	Answer	Yes	No	SCE	SDG&E	PG&E	(Score x Weight)
Criteria							
Have you (the Seller) participated in a							
DR program or DR market anywhere as							
an aggregator?	Yes/No	1	0	0%	3%	0%	
Will your DRAM Resource require any							
permits, interconnection agreements,							
environmental studies, or additional							
land rights prior to operation?	Yes/No	0	1	0%	3%	0%	
Is there any ongoing investigation or an							
investigation that has occurred within							
the last five years with respect to any							
alleged violation of any rule, regulation,							
or law associated with any commodity,							
securities, environmental, or financial							
market regarding any DR services you were/are providing?	Yes/No	0	1	0%	3%	0%	
	Tes/NO	0	1	078	570	078	
Diverse Business Enterprise (DBE)							
Do you have, or will you obtain before							
the program begins, DBE status?	Yes/No	1	0	0%	1%	1%	
	163/100		0	078	1/0	1/0	
Project Diversity							
Are you going to use enabling							
technology with at least 90% of your							
PDR customers?	Yes/No	1	0	0%	5%	0%	

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