

PUBLIC UTILITIES COMMISSION

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February 22, 2016

**Advice Letter 4719-E and 4719-E-A**

Erik Jacobson  
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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,

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

Edward Randolph  
Director, Energy Division

October 9, 2015

**ADVICE 3292-E**  
**(Southern California Edison Company U 338-E)**

**ADVICE 4719-E**  
**(Pacific Gas and Electric Company U 39-E)**

**ADVICE 2796-E**  
**(San Diego Gas & Electric Company U 902-E)**

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA  
ENERGY DIVISION

**SUBJECT:** Southern California Edison Company, Pacific Gas and Electric Company, and San Diego Gas & Electric Company's Demand Response Auction Mechanism Pilot for 2017

**PURPOSE**

Through this Advice Letter, Southern California Edison Company (SCE), Pacific Gas and Electric Company (PG&E), and San Diego Gas & Electric Company (SDG&E), seek California Public Utilities Commission (Commission or CPUC) approval of the 2017 Demand Response Auction Mechanism (DRAM) Pilot, consistent with California Public Utilities Commission (Commission) direction in Ordering Paragraph (OP) 11 and OP 12 of Resolution E-4728.

## **CONTENTS**

This Advice Letter addresses the following topics:

- I. Background
- II. Modifications for Local Capacity, Flexible Capacity, and Reliability Demand Response Resources
- III. QC Value and Alignment of DRAM with Year-Ahead Resource Adequacy Process
- IV. Legal and Regulatory Changes with Potential Impact to the 2017 Pilot Year
- V. Solicitation Protocols and Valuation Criteria
- VI. Set Asides
- VII. Non-Binding Cost Estimates and Budget Authorization
- VIII. Contract Term and Miscellaneous Issues
- IX. Non-Binding Timeline
- X. Working Group Meetings

### **I. BACKGROUND**

On September 25, 2013, the Commission issued an Order Instituting Ratemaking (OIR 13-09-011) "To Enhance the Role of Demand Response in Meeting the State's Resource Planning Needs and Operational Requirements." The CPUC reviewed a Resource Adequacy Capacity Payment Mechanism for Demand Response and Participation of Retail Demand Response in the California Independent System Operator (CAISO) wholesale market.

On December 4, 2014, the Commission issued Decision (D.)14-12-024, "Resolving Several Phase Two Issues and Addressing the Motion for Adoption of Settlement Agreement on Phase Three Issues" (later revised to be the Joint Proposal of the Joint Sponsoring Parties). In this Decision, SCE, PG&E, and SDG&E (together, the IOUs) were ordered to file an Advice Letter for the Demand Response Auction Mechanism (DRAM), together with a standard contract. The DRAM pilot is intended to test: a) the feasibility of procuring Demand Response Supply Resources for Resource Adequacy (RA) with third party direct participation in the CAISO markets through an auction mechanism; and b) the ability of winning bidders to integrate their Demand Response (DR) Resources directly into the CAISO market.

D.14-12-024 authorized the IOUs to participate collaboratively with interested stakeholders in the DRAM pilot design working group, whose activities were conducted at the express direction and under continuing supervision of the Commission. The DRAM working group included the IOUs, Ratepayer Advocates (ORA and TURN), DR providers, Energy Division Staff, and other interested stakeholders.

The IOUs filed a Tier 3 Advice Letter<sup>1</sup> on April 20, 2015 to implement the first year of the DRAM pilot (2016 DRAM) pursuant to OP 5 of D.14-12-024. In the 2016 DRAM, DR aggregators (Sellers) can offer DR load only for June through December of 2016 for System Resource Adequacy (RA). 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 Advice Letter in September 2015 that would outline contract updates and other changes necessary for the second year of the DRAM pilot (2017 DRAM).

On July 27, 2015, the Commission issued Resolution E-4728, which approved, with modifications, the overall design and Standard Contract for the 2016 DRAM.<sup>2</sup> The IOUs filed Advice Letters<sup>3</sup> on August 24, 2015 in compliance with the contract and pilot design modifications directed by Resolution E-4728. The CPUC issued a Staff Disposition Letter on September 24, 2015 which approved the IOU's Advice Letters except for the proposals related to the Auto DR incentive program (which were determined to be out of scope by Resolution E-4728).

In compliance with OP 12 of Resolution E-4728, this Advice Letter focuses on including Local RA and Flexible RA, aligning the DRAM pilot with the year-ahead RA process, incorporating changes to law or regulation that could impact the second year of the DRAM pilot, and addressing the inclusion of Reliability Demand Response Resources (RD RR).

As clarified by the Commission, and understood by the working group, the proposed design is non-precedential, and is intended to test the viability of the DRAM procurement mechanism. Stakeholders have made mutual concessions on a pilot basis that they may not wish to continue in a regular program. The IOUs do not support the use of DRAM policies or provisions (such as the terms related to backup generation) as precedent-setting for other Commission proceedings.

## **II. MODIFICATIONS FOR LOCAL CAPACITY, FLEXIBLE CAPACITY, AND RELIABILITY DEMAND RESPONSE RESOURCES**

### **Product Definition**

Local RA constitutes resources within specific areas (Local Capacity Areas, or LCAs) that CAISO has determined to have unique needs beyond what can be served by system-level resources. Both System RA and Local RA resources must obtain a Qualifying Capacity (QC) prior to inclusion in the year-ahead and monthly RA filings.

Flexible RA is intended to address the needs created by the increased adoption of intermittent supply resources. In D.14-06-050,<sup>4</sup> flexible capacity is defined as:

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<sup>1</sup> SCE Advice 3208-E, PG&E Advice 4618-E, and SDG&E Advice 2729-E.

<sup>2</sup> On August 10, 2015, the Commission issued Resolution E-4737, Executive Director Resolution Instituting Editorial Corrections in Resolution E-4728.

<sup>3</sup> SCE Advice 3208-E-A, PG&E Advice 4618-E-A, SDG&E Advice 2729-E-A.

<sup>4</sup> Decision Adopting Local Procurement and Flexible Capacity Obligations For 2015, And Further Refining the Resource Adequacy Program, Appendix A; July 1, 2014.

“economically dispatched resources needed by the California ISO to manage grid reliability during the greatest three-hour continuous ramp in each month.”

All Flexible RA resources must receive a QC value as either a System or Local resource, and must also obtain an Effective Flexible Capacity (EFC) value (which can be greater than, less than, or equal to the QC).

The CAISO offers two products through which DR can be offered as an energy resource. Proxy Demand Resource (PDR) is available for DR offered on an economic basis. PDR can be offered into both the Day Ahead (DA) and Real Time (RT) markets. Reliability Demand Response Resource (RDRR) is available for DR offered primarily on an emergency basis for reliability in emergency situations. RDRR must be offered in the RT market for dispatch under emergency conditions, but it may also be offered in the DA market for dispatch on an economic basis.

System RA and Local RA can be offered as either PDR or RDRR. Flexible RA can only be offered as PDR because RDRR requires discrete dispatch (i.e. the dispatch cannot be a partial award of the offered MWs) and because Flexible RA resources must participate economically in both the DA and RT markets.

### **Application in the 2017 DRAM Contract**

To accommodate DRAM Sellers that wish to offer a portfolio of product types and an associated Scheduling Coordinator (SC) cost, the 2017 DRAM contract allows the Seller to provide more than one product type. For example, a Seller may wish to offer 5 MW of System RA as well as 2 MW of Local RA.

The 2017 DRAM contract would allow this under two conditions. First, each product must be provided with unique customers—the same customer cannot be used to demonstrate capacity for more than one product. Second, the Seller will only be paid according to the Demonstrated Capacity conditions for each unique product type. Using the example above, the Seller would only be paid for the 2 MW of Local RA if the Seller meets the contractual requirements for Local RA. The Seller could not seek compensation for the 2 MW as System RA under the claim that 2 MW were demonstrated, just of a different product type.

The 2017 DRAM contract bundles all associated RA capacity benefits within the same product type; a Buyer’s commitment to provide Local RA includes the associated System RA attributes. Likewise, a Buyer’s commitment to provide Flexible RA includes the associated Local RA or System RA attributes (hence Flexible RA must be offered on a basis of either Flexible-Local or Flexible-System). However, as noted above, the Seller is paid only for Demonstrated Capacity relative to the primary product type promised in the contract (i.e. System, Local, or Flexible).

The following list summarizes additional contract terms and conditions introduced to accommodate Local RA, Flexible RA, and RDRR:

- Expanded the product table in Section 1.1 to allow for all possible variations of each RA product type. This table will be unique to each IOU and its respective LCAs. The monthly quantity and price of each DR product will be provided as Exhibit E to the agreement.

- Generalized the contract's use and applications of PDR to include RDRR. Because the contract is for RA-qualifying DR capacity—and is essentially indifferent to the type of CAISO energy product through which that capacity is offered—major changes were not necessary to accommodate RDRR. One exception, as discussed above, is that Flexible RA must be provided as PDR.
- Updated the section on Demonstrated Capacity to include measurement criteria specific to Flexible RA. Unlike System or Local RA, Flexible RA is measured by the average hourly load reduction (as opposed to the maximum hourly load reduction). This difference is intended to capture Flexible RA's requirement for at least three hours of sustained energy output.
- Added geographic definitions of the LCAs for SCE and PG&E (SDG&E's service territory is contained within a single LCA). Local RA must be composed of customers residing within the designated LCA. However, the Seller is not required to make each CAISO resource registration entirely homogenous in terms of all service accounts being located with the same LCA. A Seller may use a portion of a PDR or RDRR registration, or a Joint PDR or Joint RDRR to demonstrate Local RA.
- Added terms in Section 3.5 to require the Seller to indemnify or reimburse the Buyer for costs assessed or caused by CAISO for shortfall capacity, and deleted from Section 3.4 certain Seller indemnities related to penalties that should not be imposed in connection with the DRAM pilot.

### **III. QC VALUE AND ALIGNMENT OF DRAM WITH YEAR-AHEAD RESOURCE ADEQUACY PROCESS**

#### **RA Process Timing**

Due to the timing of the 2016 DRAM, it was never possible to include it in the 2016 year-ahead RA process. The year-ahead showing from the IOUs was completed before the 2016 DRAM RFO was underway. CPUC-approved 2016 DRAM contracts are not expected until February 2016, and regardless of the timing issue, with no prior events or customer enrollment data to inform an ex post load impact analysis, the 2016 DRAM would not be able to participate in the annual DR load impact study process that normally determines the proposed QC and RA value of DR programs and contracts.

For these reasons, SCE and SDG&E filed a Motion<sup>5</sup> on April 20, 2015 under the RA proceeding (Rulemaking 14-10-010). This Motion requested that: a) the contract quantity of the 2016 DRAM agreements should be accepted as the QC value; b) the IOUs and DRAM Sellers should be exempt from conducting a load impact study on the 2016 DRAM contracts; and c) the Commission should allocate the 2016 DRAM QC

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<sup>5</sup> Motion Of Southern California Edison Company (U 338 E) And San Diego Gas And Electric Company (U 902 E) For An Order Adopting Proposed Methodologies To Permit The Megawatt Contract Quantities In The Commission Approved Demand Response Auction Mechanism 2016 Pilot Contracts To Count Toward Meeting System Resource Adequacy Requirements Per Decision 14-06-050; April 20, 2015.

among the Load Serving Entities (LSEs) according to relative load share. The Motion relied on RA Decision (D.14-06-050)<sup>6</sup> which stated that, “To the extent that historical performance data is not available or appropriate, program design and/or test data may be used.” This Motion was approved in OP 7 of D.15-06-063.<sup>7</sup>

The 2017 DRAM pilot year should be able to overcome some but not all of these obstacles. Provided this Advice Letter receives timely review and approval, and barring unexpected delays in the RFO process, it is possible for the IOUs to include executed and CPUC-approved 2017 DRAM contracts in the 2017 year-ahead RA filing. As detailed in the non-binding schedule provided in Section IX, the IOUs have reasonably planned for CPUC approval of 2017 DRAM contracts in July 2016.

### **Determination of QC Value**

After research and discussion in the statewide DRAM working group, it does not appear practical to use the existing load impact protocols and process to determine the QC values for 2017 DRAM contracts. This conclusion resulted from two primary findings.

First, to meet the annual deadline of April 1 for the release of the final load impact study and its associated ex post and ex ante results, potential 2017 DRAM Sellers would be required to incur the costs and burden to conduct a load impact study before the IOUs have launched the 2017 DRAM RFO (pending timely approval of this Advice Letter, the IOUs project a 2017 DRAM RFO launch date of mid-February 2016).

Second, the 2017 DRAM would face the same data challenges as the 2016 DRAM given the lack of event and customer enrollment data (the earliest delivery month for 2016 DRAM is June 2016, two months after the load impact study for the 2017 DRAM would need to be completed).

For these reasons, the program design principle in D.14-06-050 appears to be an appropriate means to determine QC and EFC values for the 2017 DRAM pilot year. If necessary, the IOUs will formalize this request via the appropriate regulatory mechanism. As is the case with the 2016 DRAM, the contract terms in the 2017 DRAM put Sellers at risk of both forgoing their IOU capacity payment and risking CAISO-imposed penalties for under-performance.

Section 3.3(c) of the 2017 DRAM contract obligates the Seller to comply with load impact study requirements should the CPUC require load impact studies for other reasons.

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<sup>6</sup> D.14-06-050, Appendix B: Qualifying Capacity and Effective Flexible Capacity Calculation Methodologies for Energy Storage and Supply-Side Demand Response Resources.

<sup>7</sup> Decision Adopting Local Procurement and Flexible Capacity Obligations for 2016, and Further Refining the Resource Adequacy Program; June 30, 2015.

#### **IV. LEGAL AND REGULATORY CHANGES WITH POTENTIAL IMPACT TO THE 2017 PILOT YEAR**

##### **Local Reliability**

The CAISO has proposed<sup>8</sup> that DR resources must have a 20-minute response time to provide local reliability (local reliability being analogous to the CPUC's Local RA product). The IOUs propose that all types of RA contracted through the 2017 DRAM must meet all CPUC and CAISO requirements. The 2017 DRAM contract provides that, if a conflict occurs, the Seller must comply with the more stringent standards. Because RA contracted through the 2017 DRAM must meet all requirements, the 20-minute response time, if adopted by the CAISO, must also be observed by DRAM Sellers. Otherwise, the IOUs would bear the risk of double-procurement; if capacity procured to meet CPUC Local RA obligations is deemed inadequate for CAISO purposes, the IOUs would be exposed to additional procurement costs to meet such requirements.

##### **Automated Demand Response Incentives**

The Automated Demand Response (AutoDR) program provides IOU customers with financial incentives to mitigate the cost of equipment that automates receiving DR event notifications and initiating load reduction. The IOU's payment of these incentives is phased over time on a 60%/40% structure and is contingent upon several enrollment and performance requirements.

In the Staff Disposition Letter of September 24, 2015, the CPUC stated the following:

“Thus, for purposes of both years of the DRAM pilots, and eligibility for AutoDR incentives, we clarify that we consider the DRAM to be an IOU DR program and thus participation in DRAM counts toward the initial one-year incentive calculation period and overall three-year enrollment requirement for AutoDR incentives”.

In response to the disposition letter, Section 6.6 has been added to the 2017 DRAM contract to accommodate information required by the IOU from the Seller to facilitate an AutoDR customer's simultaneous participation in the Seller's DRAM resource and the IOU's AutoDR program. Section 6.6 also addresses the responsibilities for operation of the customer's AutoDR equipment.

##### **Issues Remaining Unchanged**

As there were no changes in relevant law, regulation, or CPUC guidance, the IOUs have elected to leave the 2017 DRAM pilot year unchanged relative to the 2016 DRAM pilot year regarding the following issues:

- The 20% residential procurement set aside ordered in Resolution E-4728 will be continued.

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<sup>8</sup> CAISO Business Process Manual Change #854.



- The IOUs interpret the 20% to apply at the level of all MWs procured by each IOU regardless of product type. 20% of the total number of procured MWs must be residential, even if the ratio of residential to non-residential MWs varies within each category of System RA, Local RA, and Flexible RA.
- As with the 2016 DRAM contract, the residential set aside will be applied at the contract and offer level. Each entire DRAM offer (and each entire DRAM agreement) must be a Residential Customer Product or not a Residential Customer Product.
- If a 2017 DRAM contract contains multiple product types, the percentage calculation of residential service account composition will be applied as a sum of all products and registrations submitted for Demonstrated Capacity.
- If a Seller wishes to offer both residential and non-residential products, the Seller should make unique and independent offers. Residential and non-residential offers from the same Seller will not be combined into a single DRAM contract.
- The concept of the Joint PDR has been continued. This will allow multiple Sellers to use the same PDR or RDRR registration to claim Demonstrated Capacity on each Seller's respective DRAM agreement.
- The terms related to provision of information in Section 3.3 have been retained without changes.
- The terms related to the prohibition of backup generation in Section 7.2 have been retained without changes.
- Customers on a Net Energy Metering (NEM) tariff will be allowed to participate, per OP 8 of Resolution E-4728.
- The 22 MW minimum authorization remains in effect.
  - The IOUs interpret the 22 MW total to be a sum of all DR product types (System, Local, and Flexible). For example, if an IOU procured 8 MW of System RA, 1 MW of Local RA, and 3 MW of Flexible RA for August 2017, the IOU would determine the total procurement to be 12 MW.
  - Any MW shortfalls from the 2016 DRAM would be added to the 2017 MW target, and would be subject to 2017 budget and registration limits.
- Each Seller's DR resource(s) bid into the auction must be within the same Utility Distribution Company (UDC) Service Territory as the IOU holding the auction.
- The IOUs understand that the Commission will continue its waiver of penalties associated with the IOUs' inability to meet their RA requirements due to DRAM Sellers' inability to follow through on contracted DRAM capacity to the IOUs. The

IOUs understand this waiver remains in effect for the duration of the pilot period (including the contracts procured pursuant to this Advice Letter).<sup>9</sup>

If items are not addressed in this Advice Letter or in the 2017 DRAM contract, the IOUs propose to carry forward the practices of the 2016 DRAM as approved via Resolutions E-4728 and E-4737, and the Staff Disposition Letter dated September 24, 2015.

## **V. SOLICITATION PROTOCOLS AND VALUATION CRITERIA**

The IOUs propose to follow the same protocols, procedures, use of an Independent Evaluator (IE), and valuation processes for the 2017 DRAM approved via Resolution E-4728 and its associated supplemental Advice Letter filing for the 2016 DRAM.

The primary difference will be the inclusion of offers for Local RA and Flexible RA. These RA products may have different values than System RA and will be weighted by a confidential monthly shaping which may be unique to each IOU (similar to how monthly System RA shaping will be used in the 2016 DRAM).

### **Qualitative Criteria**

The IOUs propose to further refine the qualitative valuation criteria by adding:

1. Whether the DRAM resource would meet the 20 minute response time (for local products);
2. Whether the DRAM resource provides a level capacity amount throughout the year (for local products).

The IOU-specific weighting for the qualitative criteria—including these two additional criteria—will be updated and published by the IOUs prior to the RFO launch, similar to what was provided in the August 24, 2015 Supplemental Advice Letters.

### **PDR vs. RDRR**

Because the intention of the 2016 DRAM and 2017 DRAM is to procure DR capacity and not DR energy, the IOUs will not include the Seller's intended use of PDR or RDRR as a valuation criterion. The Seller's use of PDR or RDRR—provided they meet the contract terms for compliance with System RA and/or Local RA—does not influence the IOU perspective of purchasing RA-qualifying capacity. The IOUs note that, at this time, RDRR cannot meet Flexible RA requirements, and therefore the Flexible RA product can only be bid and delivered via PDR.

The Seller's use of PDR and/or RDRR will be documented in both the monthly Supply Plan and the monthly invoice submitted for Demonstrated Capacity. This will make the information available for any CPUC- or IOU-led assessment of the 2017 DRAM pilot year.

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<sup>9</sup> Resolution E-4728, OP 6 states the following: "The IOUs' request for a waiver from RA penalties for any failure of DRAM sellers to deliver is approved for the pilot period only." The IOUs interpret this to apply to both the 2016 and the 2017 DRAM pilot years, as both years are different phases under the CPUC order in D.14-12-024 to create a DRAM pilot.

### **Available Rule 24/32 Registrations**

Resolution E-4728 accepted the provision in the IOU Advice Letters that winning bids are limited by either the budget or the Commission-authorized maximum for Rule 24/32 registrations:

“We concur with this statement, and encourage IOUs to procure viable bids beyond the 22 MW minimum authorization, and up to whichever limitation is reached first, as and if applicable.”<sup>10</sup>

The IOUs expect the availability of Rule 24/32 registrations could be a limitation for winning bids in the 2017 DRAM. The IOUs expect that a material amount of available Rule 24/32 registrations will be used for the 2016 DRAM and possibly also for non-DRAM registrations.

Therefore, the IOUs reserve the discretion to use registration space as a consideration in offer selection. Similar to budget constraints, the registrations may be used to limit IOU procurement. The IOUs note it is possible that the estimated registrations provided by bidders in the RFO process may exceed available registrations due to uncertainty in the timing and utilization of registrations resulting from the 2016 DRAM and from non-DRAM participation.

The IOUs also note that the 2017 DRAM contract preserves the option for Sellers to terminate the agreement at no fault should an insufficient number of registrations be available.

### **VI. SET ASIDES**

The 2016 DRAM design included several “set aside” measures intended to remove barriers to participation. The IOUs propose to extend these measures—including the procurement set-aside related to residential DRAM offers—with the following two exceptions.

#### **BIP and API Special Opt-Out**

This early opt-out was appropriate for the 2016 DRAM given its limited term of only June through December 2016. Without the special opt-out provision and associated tariff modification, an existing BIP or API customer would have to leave BIP or API in November of 2015 in order to participate in the 2016 DRAM. This posed a significant recruitment challenge for 2016 DRAM Sellers given that they would not have CPUC-approved contracts until January or February of 2016; by that time, the normal opt-out window for BIP and API customers would have already closed. Hence the IOUs proposed (and the CPUC approved) a modification to the BIP and API tariffs that allowed customers to leave BIP and API at any time in 2016 if they were leaving to enroll with a DRAM Seller.

For the 2017 DRAM, Sellers will have adequate time between CPUC approval of the 2017 DRAM contract and the normal November 1st to December 1st annual opt-out window for BIP and API. According to the non-binding schedule in Section IX, CPUC

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<sup>10</sup> Resolution E-4728, page 24

approval of the 2017 DRAM contracts should occur in July 2016. The earliest potential delivery month for the 2017 DRAM is January 2017. Therefore, DRAM Sellers will have approximately four months (from July to November) to identify existing BIP and API customers that they wish to enroll in the 2017 DRAM. These BIP and API customers can un-enroll during the standard annual opt-out window in November 2016 and participate in DRAM as early as January 2017.

Set asides will be most effective if they are targeted toward removing barriers that will reduce DRAM participation. Because the timing of 2017 DRAM aligns with the standard un-enrollment process for BIP and API, the BIP and API set-aside provisions from the 2016 DRAM are unnecessary and should not be extended.

### **AMP Contract Amendments**

Because the AMP contracts allow for relatively little downward adjustment of the monthly capacity commitments, the aggregators are limited in their ability to move customers from AMP to DRAM (as doing so would jeopardize their ability to meet their AMP capacity commitments). Hence the IOUs proposed, and the Commission approved, the option for AMP aggregators to lower their 2016 AMP contract capacity commitments following successful execution of a CPUC-approved 2016 DRAM contract. A key principle in this set-aside is that the AMP contract capacity amendment must coincide with the year and month of the DRAM capacity. For example, the August 2016 AMP contract capacity value can only be modified if the AMP aggregator executes a DRAM agreement that provides capacity in August 2016.

The IOUs do not wish to extend the AMP set aside for two reasons. First, 2016 is the final year of the existing AMP contracts. While some AMP contracts might be extended into 2017,<sup>11</sup> they are unlikely to be approved prior to the 2017 DRAM RFO contract execution date of May 9, 2016. The IOUs do not see it as wise, prudent, or legally viable to propose potential contract amendments for contracts that may or may not be extended, and if extended would exist under terms unknown to the IOUs and the AMP aggregators today.

Second, because the possible extension of the 2016 AMP contracts through 2017 allows for revisiting their capacity values, the IOUs do not see a need to use the DRAM as a means to this end. If existing AMP aggregators wish to reduce their 2017 capacity commitments in AMP to allow for participation in DRAM, and the IOUs were amenable to these changes, such revisions should occur within the context of AMP negotiations conducted under the auspices of the CPUC's direction provided via the 2017 transition year filing.

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<sup>11</sup> On Sept. 15, 2016, the Commission issued "Joint Assigned Commissioner and Administrative Law Judge's Ruling Providing Guidance for 2017 Demand Response Programs and Activities Proposal Filings". OP 1 of this Ruling requires the IOUs to file proposals by Feb. 1, 2016 for the 2017 transition year. To the extent that existing AMP contracts could be extended for one final year (ending in Dec. 2017), it will be resolved via this filing.

As with the discussion above regarding BIP and API, DRAM set asides will only be relevant and effective if they are based on removing an actual barrier. If negotiations were to occur, the most appropriate venue for modifications to future (and as of yet unapproved) AMP contracts is the 2017 DR transition year filing.

## **VII. NON-BINDING COST ESTIMATES AND BUDGET AUTHORIZATION**

The non-binding cost estimates provided in the 2016 DRAM Advice Letter (\$4 million each for SCE and PG&E, and \$1 million for SDG&E) did not include the costs of the 2017 DRAM pilot year. Given that the IOUs will not have pricing information from Sellers until approximately November 2015, as of this filing the IOUs do not have new information that would lead to revised estimates.

By extending the 2016 DRAM estimate to cover a full calendar year of capacity payments (2016 DRAM is for June through December, while 2017 DRAM is for January through December), the IOUs can provide a non-binding estimate for the 2017 DRAM pilot year of approximately \$6 million for SCE, \$6 million for PG&E, and \$1.5 million for SDG&E. These non-binding estimates result from increasing the original 2016 DRAM estimates by 50% (given that capacity values for January-May tend to be significantly less than June-December).

The 2017 DRAM cannot be funded by the 2015-2016 bridge funding authorization because, by definition, the authorized period does not extend into 2017. However, the CPUC recently directed the IOUs to file proposals for the 2017 transition year by February 1, 2016. The IOUs plan to include a DRAM funding request in the 2017 transition year filing. The 2017 DRAM contract allows the IOU to terminate the DRAM contract should the IOUs' funding request be denied.

Should the 2017 DRAM funding approved by the CPUC be insufficient to allow for the execution of all winning bids, each IOU will select bids in their ranking order according to the valuation criteria until the funding is exhausted.

## **VIII. CONTRACT TERM AND MISCELLANEOUS ISSUES**

### **Contract Term**

During the stakeholder meetings following the submission of the August 24, 2015 Advice Letter for the 2016 DRAM pilot, parties raised whether the 2017 DRAM should include delivery of capacity in months beyond December 2017.

As discussed above in Section I, the DRAM pilot was ordered by OP 5 of D.14-12-024. OP 5 approved—with modifications—the DRAM pilot proposal of the Settling Parties.<sup>12</sup> The DRAM proposal in the Settlement indicated that the first DRAM auction should be

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<sup>12</sup> See Attachment A of Appendix 1 of D.14-12-024 for the entire text of the Settlement Agreement. DRAM is covered in Issue Area #3.

conducted in 2015 for delivery in 2016, and the second auction should be conducted in 2016 for delivery in 2017 and beyond.

OP 5 modified DRAM-related terms of the Settlement, but it did not modify the timing and scope of the second DRAM auction. Therefore the IOUs have the option (but not the obligation) to include delivery beyond 2017 for the second DRAM auction.

**Miscellaneous Issues**

The IOUs propose several miscellaneous contract updates from the 2016 DRAM:

- Clarification that capacity payments are always for the lesser of QC/EFC (the use of QC or EFC depends on RA product type) or Demonstrated Capacity.
- Termination payments from a non-defaulting party shall not include compensation for future months in which capacity has yet to be delivered (and will not be delivered as a result of contract termination).
- Compensation for Scheduling Coordinator costs is contingent upon the Seller providing capacity to CAISO; this will protect the IOUs and ratepayers from providing Scheduling Coordinator payments to DRAM Sellers that are no longer providing DRAM capacity.
- Update of WMDVBE provisions to include LGBT enterprises, in accordance with recent revisions to General Order 156.
- Clarification that a shortfall in deliveries is not a Seller Event of Default.

To reiterate the statement made in Section IV, if items are not addressed in this Advice Letter or in the 2017 DRAM contract, the IOUs propose to carry forward the practices of the 2016 DRAM as approved via Resolution E-4728, Resolution E-4737, and the Staff Disposition Letter of September 24, 2015.

**IX. NON-BINDING TIMELINE**

The IOUs will launch the 2017 DRAM RFO following all necessary approvals from the CPUC.

The following non-binding timeline for the 2017 DRAM is based on the assumption of timely CPUC action and resolution of outstanding policy issues.

Date	Day of Week	Action
October 9, 2015	Friday	2017 DRAM Advice Letter Filing
October 29, 2015	Thursday	Protests Due
November 5, 2015	Thursday	Replies to Protests Due
December 7, 2015	Wednesday	CPUC Draft Resolution on AL
January 14, 2016	Thursday	CPUC Final Resolution on AL

February 15, 2016	Monday	Launch 2017 RFO
March 14, 2016	Monday	Deadline for RFO bid submissions
May 9, 2016	Monday	Contract Execution
June 6, 2016	Monday	IOUs file Tier 2 Advice Letter seeking CPUC approval of contracts
July 6, 2016	Wednesday	CPUC contract approval
June 2016	N/A	DRAM contract quantity values submitted for year-ahead DR RA allocation
July 2016	N/A	CPUC releases final DR RA allocation values
October 2016	N/A	RA Supply Plan filing

## **X. WORKING GROUP MEETINGS**

D.14-12-024 authorized the IOUs to participate collaboratively with interested parties in the DRAM pilot design working group. These activities were to be conducted at the express direction and under continuing supervision of the Commission. Now that this Advice Letter is filed, the mission of the DRAM Working Group is complete, and no further meetings are scheduled.

If the Commission, in response to this Advice Letter, requests that the IOUs complete additional work related to the DRAM Pilot—such as filing Supplemental Advice Letters, etc.—and if such work requires IOU collaboration and/or Stakeholder participation and feedback, the IOUs request that the Commission direct the IOUs to resume the Working Group efforts, and continue the process for approving notices of Working Group meetings.

## **ATTACHMENTS**

This Advice Letter contains the following two attachments:

- Attachment A: 2017 DRAM Purchase Agreement (clean version).
- Attachment B: 2017 DRAM Purchase Agreement (redline version compared to Advice 3208-E et al.).

This advice filing will not increase any rate or charge, cause the withdrawal of service, or conflict with any other schedule or rule.

## **AUTHORIZATION**

This Advice Letter is filed by SCE on behalf of, and with the authorization from SCE, PG&E and SDG&E.

## **TIER DESIGNATION**

Pursuant to D.14-10-046 and General Order (GO) 96-B, Energy Industry Rule 5.3, this Advice Letter is submitted with a Tier 3 designation.

## **EFFECTIVE DATE**

Pursuant to General Order 96-B, Section 5.8, this Advice Letter will be effective upon Commission resolution.

## **NOTICE**

Anyone wishing to protest this filing may do so by letter sent via U.S. mail, facsimile or E-mail, no later than October 29, 2015, which is 20 calendar 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](mailto:EDTariffUnit@cpuc.ca.gov)

Copies of protests also should be mailed to the attention of the Director, Energy Division, Room 4004 (same address above).

In addition, protests and all other correspondence regarding this Advice Letter shall be sent to 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:

## **SCE**

Russell G. Worden  
Managing Director, State Regulatory Operations  
Southern California Edison Company  
8631 Rush Street  
Rosemead, California 91770  
Facsimile: (626) 302-4829  
E-mail: [AdviceTariffManager@sce.com](mailto:AdviceTariffManager@sce.com)

Michael R. Hoover  
Director, State Regulatory Affairs  
c/o Karyn Gansecki  
Southern California Edison Company  
601 Van Ness Avenue, Suite 2030  
San Francisco, California 94102  
Facsimile: (415) 929-5544  
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**PG&E**

Erik Jacobson  
Director, Regulatory Relations  
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Pacific Gas and Electric Company  
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P.O. Box 770000  
San Francisco, California 94177  
Facsimile: (415) 973-7226  
E-mail: [PGETariffs@pge.com](mailto:PGETariffs@pge.com)

**SDG&E**

Megan Caulson  
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8330 Century Park Court, CP31F  
San Diego, CA 92123-1548  
E-mail: [mcaulson@semprautilities.com](mailto:mcaulson@semprautilities.com)

There are no restrictions on who may file a protest, but the protest shall set forth specifically the grounds upon which it is based and must be received by the deadline shown above.

Under General Rule 4 of GO 96-B, SCE is serving copies of this advice filing to the interested parties on the attached GO 96-B and R.13-09-011 service lists. Address change requests to the GO 96-B service list should be directed by electronic mail to [AdviceTariffManager@sce.com](mailto:AdviceTariffManager@sce.com) or at (626) 302-4039. For changes to all other service lists, please contact the Commission's Process Office at (415) 703-2021 or by electronic mail at [Process\\_Office@cpuc.ca.gov](mailto:Process_Office@cpuc.ca.gov).

Further, under Public Utilities Code Section 491, notice to the public is given by filing and keeping the advice filing at SCE's corporate headquarters. To view other SCE Advice Letters filed with the Commission, log on to SCE's web site at <https://www.sce.com/wps/portal/home/regulatory/advice-letters>.

For questions, please contact Gigio Sakota at (626) 302-5927 or by electronic mail at [Gigio.Sakota@sce.com](mailto:Gigio.Sakota@sce.com).

**Southern California Edison Company**

/s/ Russell G. Worden  
Russell G. Worden

RGW:gs:jm  
Enclosures

# 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.: Southern California Edison Company (U 338-E)

Utility type:

ELC       GAS  
 PLC       HEAT       WATER

Contact Person: Darrah Morgan

Phone #: (626) 302-2086

E-mail: [Darrah.Morgan@sce.com](mailto:Darrah.Morgan@sce.com)

E-mail Disposition Notice to: [AdviceTariffManager@sce.com](mailto:AdviceTariffManager@sce.com)

EXPLANATION OF UTILITY TYPE

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

(Date Filed/ Received Stamp by CPUC)

Advice Letter (AL) #: 3292-E      Tier Designation: 3

Subject of AL: Southern California Edison Company, Pacific Gas and Electric Company, and San Diego Gas & Electric Company's Demand Response Auction Mechanism Pilot for 2017

Keywords (choose from CPUC listing): Compliance

AL filing type:  Monthly  Quarterly  Annual  One-Time  Other

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

Decision 14-10-046

Does AL replace a withdrawn or rejected AL? If so, identify the prior AL: \_\_\_\_\_

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

Confidential treatment requested?  Yes  No

If yes, specification of confidential information:

Confidential information will be made available to appropriate parties who execute a nondisclosure agreement.

Name and contact information to request nondisclosure agreement/access to confidential information:

Resolution Required?  Yes  No

Requested effective date: Upon Commission Resolution      No. of tariff sheets: -0-

Estimated system annual revenue effect: (%): \_\_\_\_\_

Estimated system average rate effect (%): \_\_\_\_\_

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

Tariff schedules affected: N/A

Service affected and changes proposed<sup>1</sup>: \_\_\_\_\_

Pending advice letters that revise the same tariff sheets: None

<sup>1</sup> Discuss in AL if more space is needed.

**Protests and all other correspondence regarding this AL are due no later than May 11, 2015, unless otherwise authorized by the Commission, and shall be sent to:**

CPUC, Energy Division  
Attention: Tariff Unit  
505 Van Ness Avenue  
San Francisco, California 94102  
E-mail: [EDTariffUnit@cpuc.ca.gov](mailto:EDTariffUnit@cpuc.ca.gov)

**SCE**

Russell G. Worden  
Managing Director, State Regulatory Operations  
Southern California Edison Company  
8631 Rush Street  
Rosemead, California 91770  
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## Attachment A

# 2017 DRAM Purchase Agreement (Clean Version)

**2017 DRAM RFO PRO FORMA**

**DEMAND RESPONSE AUCTION MECHANISM RESOURCE PURCHASE  
AGREEMENT**

*between*

***[NAME OF SELLER]***

*and*

***[IOU BUYER]***

**DEMAND RESPONSE AUCTION MECHANISM RESOURCE PURCHASE AGREEMENT  
BETWEEN  
[SELLER] AND [IOU BUYER]**

**Table Of Contents**

ARTICLE 1. TRANSACTION .....	1
<b>1.1. Purchase and Sale of the Product.....</b>	<b>1</b>
<b>1.2. Term.....</b>	<b>3</b>
<b>1.3. Delivery Period.....</b>	<b>3</b>
<b>1.4. Seller’s Designation of the DRAM Resource.....</b>	<b>3</b>
<b>1.5. Product Monthly Quantity and Corresponding Contract Price .....</b>	<b>4</b>
<b>1.6. Demonstrated Capacity .....</b>	<b>5</b>
ARTICLE 2. CPUC APPROVAL .....	6
<b>2.1. Obtaining CPUC Approval.....</b>	<b>6</b>
<b>2.2. CPUC Approval Termination Right .....</b>	<b>7</b>
ARTICLE 3. SELLER OBLIGATIONS .....	7
<b>3.1. Delivery of Product.....</b>	<b>7</b>
<b>3.2. Resource Adequacy Benefits.....</b>	<b>7</b>
<b>3.3. Provision of Information .....</b>	<b>8</b>
<b>3.4. Seller’s Obligations .....</b>	<b>8</b>
<b>3.5. Indemnities for Failure to Perform. ....</b>	<b>8</b>
ARTICLE 4. PAYMENT AND BILLING.....	9
<b>4.1. Delivered Capacity Payment.....</b>	<b>9</b>
<b>4.2. Invoice and Payment Process.....</b>	<b>10</b>
<b>4.3. Allocation of Other CAISO Payments and Costs .....</b>	<b>11</b>
ARTICLE 5. CREDIT AND COLLATERAL .....	11
<b>5.1. Seller’s Credit and Collateral Requirements .....</b>	<b>11</b>

**DEMAND RESPONSE RESOURCE PURCHASE AGREEMENT  
BETWEEN  
[SELLER] AND [IOU BUYER]**

**Table Of Contents (Continued)**

<b>5.2.</b>	<b>Grant of Security Interest/Remedies.....</b>	<b>11</b>
<b>5.3.</b>	<b>Reduction and Substitution of Performance Assurance .....</b>	<b>12</b>
<b>5.4.</b>	<b>Administration of Performance Assurance .....</b>	<b>13</b>
<b>5.5.</b>	<b>Exercise of Rights against Performance Assurance .....</b>	<b>15</b>
<b>5.6.</b>	<b>Financial Information.....</b>	<b>16</b>
<b>5.7.</b>	<b>Access to Financial Information .....</b>	<b>17</b>
<b>5.8.</b>	<b>Uniform Commercial Code Waiver .....</b>	<b>20</b>
<b>ARTICLE 6. SPECIAL TERMS AND CONDITIONS.....</b>		<b>20</b>
<b>6.1.</b>	<b>Limitation of Liability .....</b>	<b>20</b>
<b>6.2.</b>	<b>Buyer Provision of Information.....</b>	<b>20</b>
<b>6.3.</b>	<b>Changes in Applicable Laws .....</b>	<b>20</b>
<b>6.4.</b>	<b>DBE Reporting.....</b>	<b>21</b>
<b>6.5.</b>	<b>Governmental Charges.....</b>	<b>21</b>
<b>6.6.</b>	<b>Customers in Buyer Automated Demand Response Program .....</b>	<b>21</b>
<b>ARTICLE 7. REPRESENTATIONS, WARRANTIES AND COVENANTS .....</b>		<b>23</b>
<b>7.1.</b>	<b>Representations and Warranties of Both Parties .....</b>	<b>23</b>
<b>7.2.</b>	<b>Additional Seller Representations, Warranties and Covenants .....</b>	<b>24</b>
<b>ARTICLE 8. NOTICES.....</b>		<b>25</b>
<b>8.1.</b>	<b>Notices .....</b>	<b>25</b>
<b>8.2.</b>	<b>Contact Information .....</b>	<b>26</b>
<b>ARTICLE 9. EVENTS OF DEFAULT; TERMINATION .....</b>		<b>27</b>
<b>9.1.</b>	<b>Events of Default.....</b>	<b>27</b>
<b>9.2.</b>	<b>Early Termination .....</b>	<b>29</b>



**DEMAND RESPONSE RESOURCE PURCHASE AGREEMENT  
BETWEEN  
[SELLER] AND [IOU BUYER]**

**Table Of Contents (Continued)**

<b>9.3. Termination Payment</b> .....	<b>29</b>
<b>9.4. Reserved</b> .....	<b>30</b>
<b>9.5. Suspension of Performance</b> .....	<b>30</b>
<b>9.6. Rights and Obligations Surviving Termination or Expiration</b> .....	<b>30</b>
<b>ARTICLE 10. DISPUTE RESOLUTION</b> .....	<b>31</b>
<b>10.1. Dispute Resolution</b> .....	<b>31</b>
<b>10.2. Mediation</b> .....	<b>31</b>
<b>10.3. Arbitration</b> .....	<b>32</b>
<b>10.4. Dispute Resolution</b> .....	<b>34</b>
<b>10.5. Provisional Relief</b> .....	<b>37</b>
<b>ARTICLE 11. INDEMNIFICATION</b> .....	<b>38</b>
<b>11.1. Seller’s Indemnification Obligations</b> .....	<b>38</b>
<b>11.2. Indemnification Claims</b> .....	<b>38</b>
<b>ARTICLE 12. LIMITATION OF REMEDIES, LIABILITY, AND DAMAGES</b> .....	<b>39</b>
<b>ARTICLE 13. CONFIDENTIALITY</b> .....	<b>40</b>
<b>13.1. Confidentiality Obligation</b> .....	<b>40</b>
<b>13.2. Obligation to Notify</b> .....	<b>40</b>
<b>13.3. Remedies; Survival</b> .....	<b>41</b>
<b>ARTICLE 14. FORCE MAJEURE</b> .....	<b>41</b>
<b>ARTICLE 15. MISCELLANEOUS</b> .....	<b>41</b>
<b>15.1. General</b> .....	<b>41</b>
<b>15.2. Governing Law and Venue</b> .....	<b>42</b>
<b>15.3. Amendment</b> .....	<b>42</b>

**DEMAND RESPONSE RESOURCE PURCHASE AGREEMENT  
BETWEEN  
[SELLER] AND [IOU BUYER]**

**Table Of Contents (Continued)**

<b>15.4. Assignment.....</b>	<b>42</b>
<b>15.5. Successors and Assigns.....</b>	<b>42</b>
<b>15.6. Waiver.....</b>	<b>42</b>
<b>15.7. No Agency.....</b>	<b>43</b>
<b>15.8. No Third-Party Beneficiaries.....</b>	<b>43</b>
<b>15.9. Entire Agreement.....</b>	<b>43</b>
<b>15.10. Severability.....</b>	<b>43</b>
<b>15.11. Multiple Originals.....</b>	<b>43</b>
<b>15.12. Mobile Sierra.....</b>	<b>43</b>
<b>15.13. Performance Under this Agreement.....</b>	<b>44</b>

**DEMAND RESPONSE RESOURCE PURCHASE AGREEMENT**  
**BY AND BETWEEN**  
**[NAME OF SELLER]**  
**[IOU BUYER]**

**PREAMBLE**

This Demand Response Resource Purchase Agreement, together with its exhibits (the “Agreement”) is entered into by and between **[IOU Buyer]**, a California corporation (“Buyer”), 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.

(b) The Product is:

	<b>Type of Product</b>	<b>Local Capacity Area (as applicable)</b>
<input type="checkbox"/>	Product A: System Capacity	Not applicable
<input type="checkbox"/>	Product B1: Local Capacity with System Capacity	<b>[LA Basin LCA Substations][For SCE Agreements]</b>

	<b>Type of Product</b>	<b>Local Capacity Area (as applicable)</b>
<input type="checkbox"/>	Product B2: Local Capacity with System Capacity	[Big Creek/Ventura LCA Substations] <i>[For SCE Agreements]</i>
<input type="checkbox"/>	Product C1: Flexible Capacity (Flexible Category 2) with System Capacity	Not applicable
<input type="checkbox"/>	Product C2: Flexible Capacity (Flexible Category 3) with System Capacity	Not applicable
<input type="checkbox"/>	Product D1: Flexible Capacity (Flexible Category 2) with Local and System Capacity	[LA Basin LCA Substations] <i>[For SCE Agreements]</i>
<input type="checkbox"/>	Product D2: Flexible Capacity (Flexible Category 2) with Local and System Capacity	[Big Creek/Ventura LCA Substations] <i>[For SCE Agreements]</i>
<input type="checkbox"/>	Product D3: Flexible Capacity (Flexible Category 3) with Local and System Capacity	[LA Basin LCA Substations] <i>[For SCE Agreements]</i>
<input type="checkbox"/>	Product D4: Flexible Capacity (Flexible Category 3) with Local and System Capacity	[Big Creek/Ventura LCA Substations] <i>[For SCE Agreements]</i>

*{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}*

(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 [24/32] 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 Seller.
- (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 Buyer'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 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 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.

### **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 [\[24/32\]](#).

### **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 CAISO, resulting from Seller's failure to do, or cause to be done, any of the following:
  - (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

- (ii) Comply with Section 3.4(a) with respect to the CAISO.
- (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.
- (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.

#### **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.

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

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 BBB- from 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**

- (a) To secure its obligations under this Agreement, and until released as provided 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) Cash. 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) Letters of Credit. Performance Assurance provided in the form of a Letter of Credit shall be subject to the following provisions:

- (i) 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)



***{IOU Comment: Additional section reference only applies to PG&E Agreements}*** (i) 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) Care of Performance Assurance. 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 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 Security 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 5.6(b) 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 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 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 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 4 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 [24/32], 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 exercise of 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 30<sup>th</sup> or December 31<sup>st</sup> 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;
  - (ii) 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.

- (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(f) 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:

Contract Representative

*[Name]*

Phone:

Facsimile:

Email:

Supply Plan Contact

*[Name]*

Phone:

Facsimile:

Email:

Settlements

*[Name]*

Phone:

Facsimile:

Email:

Other Buyer Contact Information

Wire Transfer

BNK:

ABA:

ACCT:

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:

Contract Representative

*[Name]*

Phone:

Facsimile:

Email:

Supply Plan Contact

*[Name]*

Phone:

Facsimile:

Email:

Other Seller Contact Information

Wire Transfer

BNK:

ABA:

ACCT:

Credit and Collections

Attn:

Phone:

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;
  - (ii) 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 10.4;
- (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. Dispute Resolution

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, 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. Dispute Resolution. 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) Negotiation.

- (1) 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.

- (2) 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) 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) 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 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) Arbitration.

- (1) 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.
- (2) 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.
- (3) The arbitrator shall have no authority to award punitive or exemplary damages or any other damages other than direct and actual damages.

- (4) 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) In the event the Parties choose to litigate any matter hereunder, the Parties hereby waive the right to jury trial.
- (6) 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.}*

#### **10.5. 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 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.

[Remainder of Page Intentionally Left Blank]

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

[SELLER]

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

**EXHIBIT A**  
**DEFINITIONS**

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

“Affiliate” 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.}*

“Affiliate” 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.}*

“Agreement” has the meaning in the Preamble.

“Applicable Laws” 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” has the meaning set forth in Article 10.

“Audit Notice” has the meaning set forth in Section 1.6(b).

“Automated Demand Response” or “ADR” 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.

“Automated Demand Response Customer” or “ADR Customer” 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.

“Award” has the meaning set forth in Section 6.6(a).

“Back-up Generation” 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.

“Bankrupt” 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.

“Bankruptcy Code” means the United States Bankruptcy Code (11 U.S.C. §101 *et seq.*), as amended, and any successor statute.

[“Big Creek/Ventura LCA Substations” 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.

“Bundled Service Customer” 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.

“Business Day” 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.

“Buyer” has the meaning set forth in the preamble.

“CAISO” 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.

“CAISO Tariff” 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.

“Capacity Baseline” 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.

“Cash Interest Rate” 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.}*

“Cash Interest Rate” 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.

“Commission” or “CPUC” means the California Public Utilities Commission, and all divisions thereof, or any successor thereto.

“Compliance Showings” 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.

“Contract Price” 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.

“CPUC Approval” 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.

“CPUC Decisions” 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.

“CPUC Filing Guide” is the 2015 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.

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

“Credit Rating” 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.}*

“Customer” 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.

“Delivered Capacity Payment” 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).

“Dispatch” 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.

“Dispute” 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.

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

“DRAM II Pilot Program” means the program during 2017 for the Product as described in CPUC D.14-03-026 and D.14-12-024.

“DRAM Resource” means the PDR(s) or RDRR(s) that Seller identifies pursuant to Section 1.4 that will provide Product to Buyer.

“DRAM Resource Customer” is a Bundled Service Customer and/or Unbundled Service Customer account at the Service Account Identification level that is included in the DRAM Resource.

“Early Termination Date” 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.

“Financial Consolidation Requirement” has the meaning set forth in Section 5.7(a).

*{IOU Comment: This definition only applies to SCE Agreements.}*

“Fitch” means Fitch Ratings Ltd. or its successor.

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

“Flexible Capacity” 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.

“Flexible RAR” 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.

“Force Majeure” 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.

**"GAAP"** 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.}*

**"Governmental Body"** 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.

**"IFRS"** means the International Financial Reporting Standards.

*{IOU Comment: This definition only applies to SCE Agreements.}*

**"Interest Amount"** 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.

[**"LA Basin LCA Substations"** means the following substations located in the CAISO area: ALMITOSW, AMERON, BANNING, BARRE, BOTTLE, CABAZON, CARODEAN, CENTER, CHEVMAIN, CHINO, CONCHO, DELAMO, DEVERS, EAGLOCK, 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]*

“LCA Customers” 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.

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

“Letter of Credit” means an irrevocable, non-transferable standby letter of credit, the form of which must be substantially as contained in Schedule 1 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 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 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. *{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]*.

“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.

“Mediator” has the meaning set forth in Section 10.2.

“Merger Event” 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.

“Monthly Quantity” 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.

“Must-Offer Obligation” or “MOO” 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.

“Non-Defaulting Party” has the meaning set forth in Section 9.2.

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

“Performance Assurance” 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.

[“PG&E LCA Substations” means the substations located in Buyer’s service territory as designated in Schedule 1.1(b) and corresponding to the following LCAs as designated on Schedule 1.1(b): Kern, Stockton, Sierra, Other, North Coast/North Bay, Humboldt, Greater Fresno Area, and/or Greater Bay Area.][***PG&E Definition***]

“Potential Event of Default” 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.

“Product” 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.

“Product Monthly Quantity” 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.

“Qualified Institution” 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 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.}*



“RAR” 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.

“Residential Customer” 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} .

“Residential Customer Product” 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.

“Revenue Quality Meter Data” 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.

“Rule 24/32” means Direct Participation Demand Response: PG&E:  
[https://www.pge.com/regulation/DemandResponseOIR/Other-Docs/Joint-PSS/2013/DemandResponseOIR\\_Other-Doc\\_Joint-PSS\\_20130204\\_262339Atch01\\_262340.pdf](https://www.pge.com/regulation/DemandResponseOIR/Other-Docs/Joint-PSS/2013/DemandResponseOIR_Other-Doc_Joint-PSS_20130204_262339Atch01_262340.pdf) ;  
SCE: [https://www.sce.com/NR/sc3/tm2/pdf/Rule\\_24.pdf](https://www.sce.com/NR/sc3/tm2/pdf/Rule_24.pdf) ; SDG&E ERule 32:  
[http://regarchive.sdge.com/tm2/pdf/ELEC\\_ELEC-RULES\\_ERULE32.pdf](http://regarchive.sdge.com/tm2/pdf/ELEC_ELEC-RULES_ERULE32.pdf).

“S&P” means Standard & Poor’s Financial Services LLC, or its successor.

“SAID” or “Service Account Identification” 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.

“Seller” has the meaning set forth in the preamble.

“Settlement Amount” 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.

“Shortfall Capacity” 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.

“Showing Month” 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].*

“Successor” 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).

“Term” has the meaning set forth in Section 1.2.

“Termination Payment” 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.

“Transfer” 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.

“Unbundled Service Customer” 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.

**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

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: \_\_\_\_\_

**ATTACHMENT A**

TO ***[ISSUING BANK NAME]***

IRREVOCABLE NON-TRANSFERABLE STANDBY LETTER OF CREDIT

No. \_\_\_\_\_

DRAWING CERTIFICATE

Bank

Bank Address

Subject: Irrevocable Non-transferable Standby Letter of Credit

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. {\_\_\_\_\_}, dated \_\_\_\_\_, (the "Letter of Credit"), issued by the Bank in favor of the Beneficiary, as follows as of the date hereof:

1. The Beneficiary is entitled to draw under the Letter of Credit an amount equal to \$\_\_\_\_\_, for the following reason(s) [check applicable provision]:

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

[ ]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:

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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:

Title:

**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\$xxxxxxx.xx)]**, 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 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\$xxxxxxx.xx)]** 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 **[Insert identification 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 within thirty (30) days after the resumption of our business and 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: \_\_\_\_\_

**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: \_\_\_\_\_  
 Seller: \_\_\_\_\_  
 Seller Contact Name: \_\_\_\_\_  
 Seller Contact Phone: \_\_\_\_\_  
 SCD: \_\_\_\_\_  
 Local Capacity Area (LCA): \_\_\_\_\_ (mark "n/a" if not a Local Capacity product)

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 and/or RDRRs 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				
PDR / RDRR Resource Name	CAISO Resource ID	Assigned NQC (MW)*  0.00 MW	Capacity Test Maximum hourly load reduction during capacity test conducted by Seller's SC during Showing Month		Must Offer Obligation (MOO) Average capacity amount Seller bid into CAISO during Showing Month		Dispatch Results Maximum hourly load reduction resulting from Dispatch during Showing Month		MW Claimed Specify the MW portion used to meet the contract obligation		Residential Product This section is only required if delivering Residential Customer Product			Local Capacity Product This section is only required if delivering Local Capacity Product		
			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								
				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
<b>IMPORTANT NOTES:</b> ▲ "Monthly Quantity" is from the quantity & pricing Table in Exhibit E. * In case of a Joint Resource, report full PDR / RDRR NQC here. ** If using a Joint Resource, report Service Account information (count) only for the portion used.			1) Each capacity test must be at least two (2) consecutive hours long	1) Must be bid into the Day-Ahead Market	1) An eligible Dispatch requires that the PDR/RDRR provided load reduction in all applicable hours of the CAISO Dispatch Instructions.	For PDR / RDRRs that are not Joint Resources, MW Claimed = MW Demonstrated (Column F, H or J)		Percent Residential Accounts			Percent Local Accounts					
			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	For Joint Resources, 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 C-2

### Form of Notice of Demonstrated Capacity

#### EXHIBIT C2 - Notice of Demonstrated Capacity (EFC)

Demand Response Auction Mechanism

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)

Total "Monthly Quantity"\* (MW): \_\_\_\_\_  
 Total "Demonstrated Capacity" (MW): \_\_\_\_\_  
 Residential Product (Yes / No): \_\_\_\_\_  
 Therefore, in Delivered Capacity Payment formula, "B" = \_\_\_\_\_

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							
PDR Resource Name	CAISO Resource ID	Assigned EFC (MW)*  0.00 MW	Flexible Category (1, 2, or 3)	For each PDR Resource (row), chose <u>one</u> demonstration method (column) to establish monthly Demonstrated Capacity							
				Capacity Test Average hourly load reduction during capacity test conducted by Seller's SC during Showing Month		Must Offer Obligation (MOO) Average capacity amount Seller bid into CAISO during Showing Month		Dispatch Results Average hourly load reduction resulting from Dispatch during Showing Month			
				Raw Demonstrated Capacity	Lesser of Assigned NOC or Raw Demonstrated Capacity	Raw Demonstrated Capacity	Lesser of Assigned NOC or Raw Demonstrated Capacity	Raw Demonstrated Capacity	Lesser of Assigned NOC or Raw Demonstrated Capacity		
				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		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		0.00 MW		0.00 MW	
Demonstrated Capacity ==>>					0.00 MW		0.00 MW		0.00 MW		0.00 MW
<b>IMPORTANT NOTES:</b> * "Monthly Quantity" is from the quantity & pricing Table in Exhibit E. * In case of a Joint Resource, report full PDR EFC here. ** If using a Joint Resource, report Service Account information (count) only for the portion used.				1) Each capacity test must be at least two (2) consecutive hours long		1) Must be bid into the Day-Ahead Market		1) An eligible Dispatch requires that the PDR provided load reduction in all applicable hours of the CAISO Dispatch Instructions			
				2) Should be calculated using the PDR Capacity Baseline		2) Only include bids submitted in compliance with the MOO hours		2) Should be calculated using the PDR Capacity Baseline			

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>.

Form - EFC Copy of DRAM Exhibit C - Demonstrated Capacity Template v2.1.xlsx

# EXHIBIT D

## Form of Notice of Showing Month Supply Plan

Sample Counterparty Monthly Supply Plan Template

Contact Information			Supply Plan Information for Resources under DRAM Purchase Agreement to [insert IOU name]												
Contact Person	Phone Number	Email	Seller (or Seller's agent) SCID	Resource ID in CAISO Master File	System RA Capacity (SC) (MW@00.00 No rounding)	Local RA Capacity (LC)		Flex RA Capacity (FC) (MW@00.00 No rounding)	Flex RA Category (1, 2, or 3)	System RA Capacity used for Contract (MW@00.00)	If Joint Resource		RA Capacity Effective Start Date (mm/dd/yyyy hh:mm:ss)	RA Capacity Effective End Date (mm/dd/yyyy hh:mm:ss)	SCID of Load Serving Entity
						Local RA Capacity used for Contract (MW@00.00)	Flex RA Capacity used for Contract (MW@00.00)				Local RA Capacity used for Contract (MW@00.00)	Flex RA Capacity used for Contract (MW@00.00)			
						LCA1	LCA2				LCA1	LCA2			

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 Month	Product [INSERT]	
	Monthly Quantity (kW for each day of Showing Month)	Contract Price (\$/kW-Month)
January		
February		
March		
April		
May		
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)**  
*[For PG&E Agreements only]*

<b>Local Capacity Area</b>	<b>Substation_cd</b>	<b>Substation Description</b>
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

**TABLE 1.1(b) (CONT'D)**

<b>Local Capacity Area</b>	<b>Substation_cd</b>	<b>Substation Description</b>
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
Greater Bay Area	1434	VALLEY_VIEW



**TABLE 1.1(b) (CONT'D)**

<b>Local Capacity Area</b>	<b>Substation_cd</b>	<b>Substation Description</b>
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 LAWNDAL
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

**TABLE 1.1(b) (CONT'D)**

<b>Local Capacity Area</b>	<b>Substation_cd</b>	<b>Substation Description</b>
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
Greater Bay Area	8219	MABURY
Greater Bay Area	8224	LOS_ALTOS
Greater Bay Area	8225	SAN_JOSE_A

**TABLE 1.1(b) (CONT'D)**

<b>Local Capacity Area</b>	<b>Substation_cd</b>	<b>Substation Description</b>
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	25204	AIRWAYS
Greater Fresno Area	25205	ASHLAN_AVE
Greater Fresno Area	25215	ANGIOLA
Greater Fresno Area	25216	COALINGA_NO_1
Greater Fresno Area	25217	CORCORAN
Greater Fresno Area	25221	BIOLA
Greater Fresno Area	25224	KINGSBURG
Greater Fresno Area	25228	CALIFORNIA_AVE
Greater Fresno Area	25229	PARLIER
Greater Fresno Area	25230	CAMDEN
Greater Fresno Area	25234	REEDLEY
Greater Fresno Area	25235	SANGER
Greater Fresno Area	25236	SAN_JOAQUIN
Greater Fresno Area	25237	CARUTHERS
Greater Fresno Area	25238	COALINGA_NO_2
Greater Fresno Area	25241	COPPERMINE
Greater Fresno Area	25250	BALCH_NO_1

**TABLE 1.1(b) (CONT'D)**

<b>Local Capacity Area</b>	<b>Substation_cd</b>	<b>Substation Description</b>
Greater Fresno Area	25256	KERCKHOFF
Greater Fresno Area	25266	GUERNSEY
Greater Fresno Area	25268	HENRIETTA
Greater Fresno Area	25270	KEARNEY
Greater Fresno Area	25271	KERMAN
Greater Fresno Area	25273	KETTLEMAN_HILLS
Greater Fresno Area	25284	OROSI
Greater Fresno Area	25285	PINEDALE
Greater Fresno Area	25289	SCHINDLER
Greater Fresno Area	25292	STONE_CORRAL
Greater Fresno Area	25294	TIVY_VALLEY
Greater Fresno Area	25295	TULARE_LAKE
Greater Fresno Area	25315	GIFFEN
Greater Fresno Area	25316	HURON
Greater Fresno Area	25344	CALFLAX
Greater Fresno Area	25345	DEVILS_DEN
Greater Fresno Area	25353	BOWLES
Greater Fresno Area	25357	BARTON
Greater Fresno Area	25359	CANTUA
Greater Fresno Area	25360	LEMOORE
Greater Fresno Area	25366	STROUD
Greater Fresno Area	25371	HARDWICK
Greater Fresno Area	25373	WEST_FRESNO
Greater Fresno Area	25392	MANCHESTER
Greater Fresno Area	25393	GATES
Greater Fresno Area	25396	BULLARD
Greater Fresno Area	25400	ALPAUGH
Greater Fresno Area	25406	DUNLAP
Greater Fresno Area	25408	CLOVIS
Greater Fresno Area	25409	DINUBA
Greater Fresno Area	25412	MC_CALL
Greater Fresno Area	25415	AUBERRY
Greater Fresno Area	25418	RESERVE_OIL
Greater Fresno Area	25425	MALAGA
Greater Fresno Area	25441	MC_MULLIN
Greater Fresno Area	25444	RAINBOW
Greater Fresno Area	25453	WAHTOKE
Greater Fresno Area	25455	FIGARDEN
Greater Fresno Area	25460	SAND_CREEK
Greater Fresno Area	25477	JACOBS_CORNER
Greater Fresno Area	25480	RANCHERS_COTTON
Greater Fresno Area	25491	WOODCHUCK
Greater Fresno Area	25492	LAS_PALMAS

**TABLE 1.1(b) (CONT'D)**

<b>Local Capacity Area</b>	<b>Substation_cd</b>	<b>Substation Description</b>
Greater Fresno Area	25494	BOSWELL
Greater Fresno Area	25500	AVENAL
Greater Fresno Area	25525	RIVER_ROCK
Greater Fresno Area	25529	WOODWARD
Greater Fresno Area	25859	TULE_POWER_HOUSE
Greater Fresno Area	25888	SO._CAL._EDISON
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
Humboldt	19223	TRINIDAD
Humboldt	19225	RIO_DELL
Humboldt	19226	ORICK
Humboldt	19229	CARLOTTA
Humboldt	19231	FRUITLAND
Humboldt	19232	FORT_SEWARD

**TABLE 1.1(b) (CONT'D)**

<b>Local Capacity Area</b>	<b>Substation_cd</b>	<b>Substation Description</b>
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	25337	BAKERSFIELD
Kern	25339	FRUITVALE
Kern	25341	LAKEVIEW
Kern	25342	PANAMA
Kern	25346	CARRIZO_PLAINS
Kern	25348	WHEELER_RIDGE
Kern	25349	LERDO
Kern	25355	SMYRNA
Kern	25364	POSO_MOUNTAIN
Kern	25365	SHAFTER
Kern	25370	WESTPARK
Kern	25380	ARVIN
Kern	25387	COPUS

**TABLE 1.1(b) (CONT'D)**

<b>Local Capacity Area</b>	<b>Substation_cd</b>	<b>Substation Description</b>
Kern	25391	LAMONT
Kern	25395	COLUMBUS
Kern	25407	STOCKDALE
Kern	25420	GOOSE_LAKE
Kern	25421	MARICOPA
Kern	25424	FELLOWS
Kern	25429	WELLFIELD
Kern	25437	BELRIDGE_1A
Kern	25440	TWISSELMAN
Kern	25448	BERRENDA_C
Kern	25450	CHARCA
Kern	25451	TECUYA
Kern	25454	GANSO
Kern	25456	TUPMAN
Kern	25457	RENFRO
Kern	25458	7TH_STANDARD
Kern	25468	BLACKWELL
Kern	25469	NORCO
Kern	25476	ROSEDALE
Kern	25482	CADET
Kern	25493	GARDNER
Kern	25526	KERN_POWER
Kern	25527	CELERON
Kern	25528	CARNATION
Kern	25531	PENTLAND
Kern	25532	TEVIS
Kern	25542	TEXACO_EMIDIO
Kern	25544	PACIFIC_PIPE_GRAPEVINE
Kern	25545	CAL_WATER
Kern	25811	SCE_MCFARLAND
Kern	25813	SCE_TEHACHAPI
North Coast and North Bay	4201	SAN_RAFAEL
North Coast and North Bay	4202	NAPA
North Coast and North Bay	4203	ALTO
North Coast and North Bay	4204	NORTH_TOWER
North Coast and North Bay	4205	PARKWAY
North Coast and North Bay	4209	MIRABEL
North Coast and North Bay	4212	PETALUMA_A
North Coast and North Bay	4215	SANTA_ROSA_A
North Coast and North Bay	4221	NOVATO
North Coast and North Bay	4226	BOLINAS
North Coast and North Bay	4227	COTATI
North Coast and North Bay	4229	OLEMA

**TABLE 1.1(b) (CONT'D)**

<b>Local Capacity Area</b>	<b>Substation_cd</b>	<b>Substation Description</b>
North Coast and North Bay	4230	TULUCAY
North Coast and North Bay	4245	VALLEJO_B
North Coast and North Bay	4246	BASALT
North Coast and North Bay	4248	IGNACIO
North Coast and North Bay	4249	SAUSALITO
North Coast and North Bay	4255	VALLEJO_C
North Coast and North Bay	4256	FULTON
North Coast and North Bay	4257	MOLINO
North Coast and North Bay	4263	PETALUMA_C
North Coast and North Bay	4265	HIGHWAY
North Coast and North Bay	4271	CALISTOGA
North Coast and North Bay	4272	SONOMA
North Coast and North Bay	4275	FITCH_MOUNTAIN
North Coast and North Bay	4281	MONTE_RIO
North Coast and North Bay	4282	CLOVERDALE
North Coast and North Bay	4285	FORT_ROSS
North Coast and North Bay	4289	GEYSERVILLE
North Coast and North Bay	4299	LAS_GALLINAS_A
North Coast and North Bay	4302	WOODACRE
North Coast and North Bay	4305	MONTICELLO
North Coast and North Bay	4307	DUNBAR
North Coast and North Bay	4309	GREENBRAE
North Coast and North Bay	4315	TOCALOMA
North Coast and North Bay	4316	SALMON_CREEK
North Coast and North Bay	4318	BELLEVUE
North Coast and North Bay	4320	STAFFORD
North Coast and North Bay	4325	BAHIA
North Coast and North Bay	4328	CARQUINEZ
North Coast and North Bay	4329	PUEBLO
North Coast and North Bay	4330	MONROE
North Coast and North Bay	4332	RINCON
North Coast and North Bay	4334	SKAGGS_ISLAND
North Coast and North Bay	4337	LAKEVILLE
North Coast and North Bay	4343	SILVERADO
North Coast and North Bay	4347	PENNGROVE
North Coast and North Bay	4349	CORONA
North Coast and North Bay	4801	CALPINE
Other	6202	COLUSA
Other	6203	WOODLAND
Other	6204	DAVIS
Other	6205	WILLIAMS
Other	6206	DIXON
Other	6207	COLUSA_JUNCTION



**TABLE 1.1(b) (CONT'D)**

<b>Local Capacity Area</b>	<b>Substation_cd</b>	<b>Substation Description</b>
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
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

**TABLE 1.1(b) (CONT'D)**

<b>Local Capacity Area</b>	<b>Substation_cd</b>	<b>Substation Description</b>
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

**TABLE 1.1(b) (CONT'D)**

<b>Local Capacity Area</b>	<b>Substation_cd</b>	<b>Substation Description</b>
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
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

**TABLE 1.1(b) (CONT'D)**

<b>Local Capacity Area</b>	<b>Substation_cd</b>	<b>Substation Description</b>
Other	16378	PEORIA FLAT
Other	18201	SALINAS
Other	18203	KING_CITY
Other	18204	CARMEL
Other	18205	SOLEDAD
Other	18206	FAIRWAY
Other	18207	CAMPORA
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
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

**TABLE 1.1(b) (CONT'D)**

<b>Local Capacity Area</b>	<b>Substation_cd</b>	<b>Substation Description</b>
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	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

**TABLE 1.1(b) (CONT'D)**

<b>Local Capacity Area</b>	<b>Substation_cd</b>	<b>Substation Description</b>
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	SO._CAL._EDISON_#2
Other	25886	SO._CAL._EDISON_#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
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

**TABLE 1.1(b) (CONT'D)**

<b>Local Capacity Area</b>	<b>Substation_cd</b>	<b>Substation Description</b>
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
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

**TABLE 1.1(b) (CONT'D)**

<b>Local Capacity Area</b>	<b>Substation_cd</b>	<b>Substation Description</b>
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
Stockton	16888	TOKAY



## Attachment B

2017 DRAM Purchase Agreement  
(Redline Version compared to  
Advice 3208-E et al)

~~2015~~2017 DRAM RFO PRO FORMA

DEMAND RESPONSE AUCTION MECHANISM RESOURCE PURCHASE  
AGREEMENT

*between*

***[NAME OF SELLER]***

*and*

***[IOU BUYER]***

DEMAND RESPONSE AUCTION MECHANISM RESOURCE PURCHASE AGREEMENT  
BETWEEN  
**[SELLER]** AND **[IOU BUYER]**

**Table Of Contents**

ARTICLE 1. TRANSACTION.....	1
1.1. Purchase and Sale of the Product.....	1
1.2. Term.....	<del>13</del>
1.3. Delivery Period.....	<del>13</del>
1.4. Seller’s Designation of the DRAM Resource.....	<del>23</del>
1.5. <u>Product</u> Monthly Quantity and <u>Corresponding</u> Contract Price.....	<del>24</del>
1.6. Demonstrated Capacity.....	<del>35</del>
ARTICLE 2. CPUC APPROVAL.....	<del>46</del>
2.1. Obtaining CPUC Approval.....	<del>46</del>
2.2. CPUC Approval Termination Right.....	<del>47</del>
ARTICLE 3. SELLER OBLIGATIONS.....	<del>57</del>
3.1. Delivery of Product.....	<del>57</del>
3.2. Resource Adequacy Benefits.....	<del>57</del>
3.3. Provision of Information.....	<del>58</del>
3.4. Seller’s Obligations; <del>RA Obligations</del> .....	<del>68</del>
3.5. Indemnities for Failure to Perform.....	<del>68</del>
ARTICLE 4. PAYMENT AND BILLING.....	<del>79</del>
4.1. Delivered Capacity Payment.....	<del>79</del>
4.2. Invoice and Payment Process.....	<del>710</del>

**DEMAND RESPONSE RESOURCE PURCHASE AGREEMENT  
BETWEEN  
*[SELLER]* AND *[IOU BUYER]***

**Table Of Contents (Continued)**

4.3. Allocation of Other CAISO Payments and Costs.....	<b><u>811</u></b>
ARTICLE 5. CREDIT AND COLLATERAL.....	<b><u>811</u></b>
5.1. Seller’s Credit and Collateral Requirements.....	<b><u>811</u></b>
5.2. Grant of Security Interest/Remedies.....	<b><u>911</u></b>
5.3. Reduction and Substitution of Performance Assurance.....	<b><u>912</u></b>
5.4. Administration of Performance Assurance.....	<b><u>1113</u></b>
5.5. Exercise of Rights against Performance Assurance.....	<b><u>1315</u></b>
5.6. Financial Information.....	<b><u>1316</u></b>
5.7. Access to Financial Information.....	<b><u>1417</u></b>
5.8. Uniform Commercial Code Waiver.....	<b><u>1720</u></b>
ARTICLE 6. SPECIAL TERMS AND CONDITIONS.....	<b><u>1720</u></b>
6.1. Limitation of Liability.....	<b><u>1720</u></b>
6.2. Buyer Provision of Information.....	<b><u>1820</u></b>
6.3. Changes in Applicable Laws.....	<b><u>1820</u></b>
6.4. <del>WMDV</del> <b>BEDBE</b> Reporting.....	<b><u>1821</u></b>
6.5. Governmental Charges.....	<b><u>1821</u></b>
<b><u>6.6. Customers in Buyer Automated Demand Response Program</u></b> .....	<b><u>21</u></b>
ARTICLE 7. REPRESENTATIONS, WARRANTIES AND COVENANTS.....	<b><u>1923</u></b>
7.1. Representations and Warranties of Both Parties.....	<b><u>1923</u></b>
7.2. Additional Seller Representations, Warranties and Covenants.....	<b><u>2024</u></b>

DEMAND RESPONSE RESOURCE PURCHASE AGREEMENT  
BETWEEN  
*[SELLER]* AND *[IOU BUYER]*

Table Of Contents (Continued)

ARTICLE 8. NOTICES	<a href="#">2025</a>
8.1. Notices	<a href="#">2025</a>
8.2. Contact Information	<a href="#">2126</a>
ARTICLE 9. EVENTS OF DEFAULT; TERMINATION	<a href="#">2227</a>
9.1. Events of Default	<a href="#">2227</a>
9.2. Early Termination	<a href="#">2329</a>
9.3. Termination Payment	<a href="#">2429</a>
9.4. Reserved	<a href="#">2430</a>
9.5. Suspension of Performance	<a href="#">2430</a>
9.6. Rights and Obligations Surviving Termination or Expiration	<a href="#">2430</a>
ARTICLE 10. DISPUTE RESOLUTION	<a href="#">2531</a>
10.1. Dispute Resolution	<a href="#">2531</a>
10.2. Mediation	<a href="#">2531</a>
10.3. Arbitration	<a href="#">2632</a>
10.4. <a href="#">Dispute Resolution</a>	<a href="#">34</a>
10.5. <a href="#">Provisional Relief</a>	<a href="#">3137</a>
ARTICLE 11. INDEMNIFICATION	<a href="#">3238</a>
11.1. Seller's Indemnification Obligations	<a href="#">3238</a>
11.2. Indemnification Claims	<a href="#">3238</a>

**DEMAND RESPONSE RESOURCE PURCHASE AGREEMENT  
BETWEEN  
*[SELLER]* AND *[IOU BUYER]***

**Table Of Contents (Continued)**

ARTICLE 12. LIMITATION OF REMEDIES, LIABILITY, AND DAMAGES.....	<a href="#"><u>3339</u></a>
ARTICLE 13. CONFIDENTIALITY.....	<a href="#"><u>3440</u></a>
<b>13.1. Confidentiality Obligation</b> .....	<a href="#"><u>3440</u></a>
<b>13.2. Obligation to Notify</b> .....	<a href="#"><u>3540</u></a>
<b>13.3. Remedies; Survival</b> .....	<a href="#"><u>3541</u></a>
ARTICLE 14. FORCE MAJEURE.....	<a href="#"><u>3541</u></a>
ARTICLE 15. MISCELLANEOUS.....	<a href="#"><u>3541</u></a>
<b>15.1. General</b> .....	<a href="#"><u>3541</u></a>
<b>15.2. Governing Law and Venue</b> .....	<a href="#"><u>3642</u></a>
<b>15.3. Amendment</b> .....	<a href="#"><u>3642</u></a>
<b>15.4. Assignment</b> .....	<a href="#"><u>3642</u></a>
<b>15.5. Successors and Assigns</b> .....	<a href="#"><u>3742</u></a>
<b>15.6. Waiver</b> .....	<a href="#"><u>3742</u></a>
<b>15.7. No Agency</b> .....	<a href="#"><u>3743</u></a>
<b>15.8. No Third-Party Beneficiaries</b> .....	<a href="#"><u>3743</u></a>
<b>15.9. Entire Agreement</b> .....	<a href="#"><u>3743</u></a>
<b>15.10. Severability</b> .....	<a href="#"><u>3743</u></a>
<b>15.11. Multiple Originals</b> .....	<a href="#"><u>3843</u></a>
<b>15.12. Mobile Sierra</b> .....	<a href="#"><u>3843</u></a>
<b>15.13. Performance Under this Agreement</b> .....	<a href="#"><u>3844</u></a>

DEMAND RESPONSE RESOURCE PURCHASE AGREEMENT  
BETWEEN  
*[SELLER]* AND *[IOU BUYER]*

Table Of Contents (Continued)



**DEMAND RESPONSE RESOURCE PURCHASE AGREEMENT**  
**BY AND BETWEEN**  
**[NAME OF SELLER]**  
**[IOU BUYER]**

**PREAMBLE**

This Demand Response Resource Purchase Agreement, together with its exhibits (the “Agreement”) is entered into by and between [IOU Buyer], a California corporation (“Buyer”), 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.

(b) The Product is:

	<u>Type of Product</u>	<u>Local Capacity Area (as applicable)</u>
<input type="checkbox"/>	<u>Product A: System Capacity</u>	<u>Not applicable</u>
<input type="checkbox"/>	<u>Product B1: Local Capacity with System Capacity</u>	<u>[LA Basin LCA Substations]/[For SCE Agreements]</u>
<input type="checkbox"/>	<u>Product B2: Local Capacity</u>	<u>[Big Creek/Ventura LCA]</u>



	<u>Type of Product</u>	<u>Local Capacity Area (as applicable)</u>
	<u>with System Capacity</u>	<u>Substations]</u> <i><u>[For SCE Agreements]</u></i>
<input type="checkbox"/>	<u>Product C1: Flexible Capacity (Flexible Category 2) with System Capacity</u>	<u>Not applicable</u>
<input type="checkbox"/>	<u>Product C2: Flexible Capacity (Flexible Category 3) with System Capacity</u>	<u>Not applicable</u>
<input type="checkbox"/>	<u>Product D1: Flexible Capacity (Flexible Category 2) with Local and System Capacity</u>	<u>[LA Basin LCA Substations]</u> <i><u>[For SCE Agreements]</u></i>
<input type="checkbox"/>	<u>Product D2: Flexible Capacity (Flexible Category 2) with Local and System Capacity</u>	<u>[Big Creek/Ventura LCA Substations]</u> <i><u>[For SCE Agreements]</u></i>
<input type="checkbox"/>	<u>Product D3: Flexible Capacity (Flexible Category 3) with Local and System Capacity</u>	<u>[LA Basin LCA Substations]</u> <i><u>[For SCE Agreements]</u></i>
<input type="checkbox"/>	<u>Product D4: Flexible Capacity (Flexible Category 3) with Local and System Capacity</u>	<u>[Big Creek/Ventura LCA Substations]</u> <i><u>[For SCE Agreements]</u></i>

*{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}*

(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 ~~after~~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 ~~June~~January, 20162017 and no later than December, 2016-2017.}*

## 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 ~~after~~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) ~~(b)~~ The Parties shall cooperate to implement the requirements of Rule [24/32] to enroll PDR 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 ~~is as follows:~~ during the Delivery Period is set forth in Exhibit E.

<u>2016 Showing-Month</u>	<u>Monthly Quantity (kW for each day of Showing-Month)</u>	<u>Contract Price (\$/kW-Month)</u>
<u>June</u>		
<u>July</u>		
<u>August</u>		
<u>September</u>		
<u>October</u>		
<u>November</u>		
<u>December</u>		

- (b) In the event that Seller is not able to register the DRAM Resource for part or all of ~~the~~ 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, ~~or (iii) CPUC Approval not occurring at least sixty (60) days prior to the first Showing-Month,~~ 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, ~~(ivx)~~ reduce ~~the~~ a Product Monthly Quantity for a particular type of Product for such Showing Month, ~~or (vy)~~ terminate this Agreement; *provided*, Seller shall demonstrate to Buyer’s reasonable satisfaction that Seller made commercially reasonable efforts to register the DRAM Resource ~~for the~~ 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 Seller.
- (d) ~~(e)~~ 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 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. ~~Due solely to Seller's exercise of its right pursuant to Section 1.5(b)(iv), neither~~ 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, ~~except due solely to Seller's exercise of its right pursuant to Sections 1.5(b) (y) or Buyer'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 ~~either~~, 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 ~~at~~ 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 ~~PDR- 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 Capacity Baseline;
- (ii) The average amount of capacity ~~Seller bid a~~ for the applicable PDR or RDRR in the DRAM Resource that the Seller Bid into the applicable CAISO Day-Ahead Market ~~Markets~~ solely during the hours of the Showing Month in compliance with the MOO-; or

- (iii) The results of a Dispatch of ~~a~~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 ~~from the~~ Day Ahead Schedule. 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 ~~PDR~~ 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 ~~this~~ 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) ~~(d)~~ 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 ~~the 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 promptly provide to the CPUC all information requested by the CPUC relating to Seller's obligations and performance pursuant to this Agreement or and the DRAM II Pilot Program, which may include confidential and proprietary information reasonably accessible to Seller. Seller may seek confidential treatment by the CPUC of Seller's 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) ~~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 a load impact evaluation consistent with the Load Impact Protocols in D.08-04-050 and data required by D.14-06-050 for load impact reporting.~~

- (b) ~~(e)~~ If a PDR or RDRR in the DRAM Resource has not been tested or Dispatched between January 1, ~~2016~~2017 and the end of the Delivery Period, then Seller shall cause a test of ~~the~~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) ~~(d)~~ Seller shall provide Notice to Buyer of whether any participating ~~non-residential customers included in the DRAM Resource during the Delivery Period had back-up generation and if so, shall include in such Notice information on the make, model and location of the generator by Customer and location consistent with the Commission direction to the Buyer in OP 12 of D.14-12-024.~~ Additionally, Seller shall provide information regarding the hourly usage for each Customer back-up generator that Buyer needs to comply with Commission requirements under D.14-12-024, Ordering Paragraph (OP) 14, as that OP may be applicable to the Dispatch of Seller's PDR(s) pursuant to this Agreement. ~~{IOU Comment: This provision only applies to SCE & PG&E Agreements.}~~ 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.

### 3.4. Seller's Obligations; ~~RA 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].

### 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);~~



- (i) ~~(b)~~ 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
  - (ii) ~~(c)~~ Comply with ~~the requirements in Section 3.2 to enable Buyer to meet its RAR; or~~ Section 3.4(a) with respect to the CAISO.
- (b) ~~(d) Meet CPUC Resource Adequacy requirements per CPUC 2016 Final RA-Guide. 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.~~
- (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.

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

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 BBB- from 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(ba), Seller shall post the Performance Assurance with Buyer within ten (10) Business Days of the Execution Date.

## 5.2. Grant of Security Interest/Remedies

- (a) To secure its obligations under this Agreement, and until released as provided 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) Cash. 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) Letters of Credit. Performance Assurance provided in the form of a Letter of Credit shall be subject to the following provisions:

- (i) 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) {IOU Comment: Additional section reference only applies to PG&E Agreements} (i) 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) Care of Performance Assurance. 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 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 Security 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 ~~and~~, 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 5.6(b) 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 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 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 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 4 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 ~~PDR~~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 ~~PDR~~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 [24/32], 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 exercise of 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. ~~WMDVBE~~DBE Reporting

No later than twenty (20) days after each semi-annual period ending on June 30<sup>th</sup> or December 31<sup>st</sup> during the Term, Seller shall provide to Buyer a report listing all ~~certified WMDBEs (which can be found at [www.TheSupplierClearinghouse.com](http://www.TheSupplierClearinghouse.com)),~~ Diverse Business Enterprises that supplied goods or services to Seller during such period ~~in connection with the Agreement and the aggregate,~~ including any certifications or other documentation of such Diverse Business Enterprises' status as such and the amount paid to ~~WMDVBEs~~ each Diverse Business Enterprise during such ~~portion of the Delivery Period in connection with this Agreement. Notwithstanding Article 13, 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 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 ~~System Resource Adequacy~~ 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;
  - (ii) 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) ~~Seller will not allow any participating customers included in the DRAM Resource during the Delivery Period to have fossil-fueled emergency back-up generation or net energy metering.~~  
~~*{IOU Comment: This provision only applies to SDG&E Agreements.}*~~ 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.

- (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(f) 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. ~~Notice from one Party to the other Party by telephone shall be deemed to have been received at the time the call is received.~~ 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:](#)

Contract Representative

*[Name]*

Phone:

Facsimile:

[Email:](#)

Supply Plan Contact

*[Name]*

Phone:

Facsimile:

[Email:](#)

Settlements

*[Name]*

Phone:

Facsimile:

[Email:](#)

Other Buyer Contact Information

Wire Transfer

BNK:

ABA:

ACCT:

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:](#)

Contract Representative

*[Name]*

Phone:

Facsimile:

[Email:](#)

Supply Plan Contact

*[Name]*

Phone:

Facsimile:

[Email:](#)

Other Seller Contact Information

Wire Transfer

BNK:

ABA:

ACCT:

Credit and Collections

Attn:

Phone:

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;
  - (ii) 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 such amount 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 ~~the Defaulting~~ the Party disputes the ~~Non-Defaulting~~ other Party’s calculation of the Termination Payment, in whole or in part, the ~~Defaulting~~ disputing Party shall, within two (2) Business Days of receipt of ~~Non-Defaulting~~ the Party’s calculation of the Termination Payment, provide to the ~~Non-Defaulting~~ 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 ~~10.04~~10.4;
- (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. Dispute Resolution

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, 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. ~~10.1~~ Dispute Resolution.** 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) Negotiation.

(1) 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.

- (2) 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) 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) 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 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) Arbitration.

- (1) 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.
- (2) 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.

- (3) The arbitrator shall have no authority to award punitive or exemplary damages or any other damages other than direct and actual damages.
- (4) 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) In the event the Parties choose to litigate any matter hereunder, the Parties hereby waive the right to jury trial.
- (6) 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.}*

#### **10.5. ~~10.4.~~ 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 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.

[Remainder of Page Intentionally Left Blank]

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

[SELLER]

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Date: \_\_\_\_\_

## EXHIBIT A

### DEFINITIONS

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

“Affiliate” 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.}*

“Affiliate” 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.}*

“Agreement” has the meaning in the Preamble.

“Applicable Laws” 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” has the meaning set forth in Article 10.

“Audit Notice” has the meaning set forth in Section 1.6(b).

“Automated Demand Response” or “ADR” 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.

“Automated Demand Response Customer” or “ADR Customer” 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.

“Award” has the meaning set forth in Section 6.6(a).

“Back-up Generation” 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.

“Bankrupt” 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.

“Bankruptcy Code” means the United States Bankruptcy Code (11 U.S.C. §101 *et seq.*), as amended, and any successor statute.

["Big Creek/Ventura LCA Substations" 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.

“Bundled Service Customer” 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.

“Business Day” 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.

“Buyer” has the meaning set forth in the preamble.

“CAISO” 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.

“CAISO Tariff” 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.



“Capacity Baseline” 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.

“Cash Interest Rate” 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.}*

“Cash Interest Rate” 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.

“Commission” or “CPUC” means the California Public Utilities Commission, and all divisions thereof, or any successor thereto.

“Compliance Showings” 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.

“Contract Price” means the price for each type of Product as specified in ~~the table in Section 4.5~~ Exhibit E for each Showing Month.

“CPM Capacity” has the meaning set forth in the Tariff.

“CPUC Approval” 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.

“CPUC Decisions” 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~~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. ~~{IOUs to confirm this is all of them.}~~

“CPUC Filing Guide” is the 2015 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.

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

“Credit Rating” 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.}*

“Customer” 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.

“Delivered Capacity Payment” 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).

“Dispatch” 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.

“Dispute” 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.

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

“DRAM II Pilot Program” means the ~~initial~~ program during ~~2015-2016~~2017 for the Product as described in CPUC D.14-03-026 and D.14-12-024.

“DRAM Resource” means the PDR(s) or RDRR(s) that Seller identifies pursuant to Section 1.4 that will provide Product to Buyer.

“DRAM Resource Customer” is a Bundled Service Customer and/or Unbundled Service Customer account at the Service Account Identification level that is included in the DRAM Resource.

“Early Termination Date” 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.

“Financial Consolidation Requirement” has the meaning set forth in Section 5.7(a).

*{IOU Comment: This definition only applies to SCE Agreements.}*

“Fitch” means Fitch Ratings Ltd. or its successor.

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

“Flexible Capacity” 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.

“Flexible RAR” 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.

“Force Majeure” 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.

"GAAP" 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.}*

"Governmental Body" 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.

"IFRS" means the International Financial Reporting Standards.

*{IOU Comment: This definition only applies to SCE Agreements.}*

"Interest Amount" 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.

["LA Basin LCA Substations" means the following substations located in the CAISO area: ALMITOSW, AMERON, BANNING, BARRE, BOTTLE, CABAZON, CARODEAN, CENTER, CHEVMAIN, CHINO, CONCHO, DELAMO, DEVERS, EAGLOCK, 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]

“LCA Customers” 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.

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

“Letter of Credit” means an irrevocable, non-transferable standby letter of credit, the form of which must be substantially as contained in Schedule 1 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 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 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.

*{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]*.

“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.

“Mediator” has the meaning set forth in Section 10.2.

“Merger Event” 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.

“Monthly Quantity” means the aggregate amount of all Product Monthly Quantities set forth in ~~the table in Section 1.5~~ 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.

“Must-Offer Obligation” or “MOO” means Seller’s obligation to Bid or cause Seller’s SC to Bid the DRAM Resource into the CAISO ~~Day-Ahead Market~~ 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.

“Non-Defaulting Party” has the meaning set forth in Section 9.2.

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

~~“PDR Capacity Baseline” means the CAISO baseline applicable to the PDR(s) in the DRAM Resource as specified in the CAISO Tariff.~~

~~“PDR Customer” is a Bundled Service Customer and/or Unbundled Service Customer account at the SAID level that is included in the DRAM Resource.~~

“Performance Assurance” 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.

[“PG&E LCA Substations” means the substations located in Buyer’s service territory as designated in Schedule 1.1(b) and corresponding to the following LCAs as designated on Schedule 1.1(b): Kern, Stockton, Sierra, Other, North Coast/North Bay, Humboldt, Greater Fresno Area, and/or Greater Bay Area.]*PG&E Definition*

“Potential Event of Default” 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.

“Product” means ~~system Resource Adequacy Benefits associated with the PDR(s) 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.~~ “Product” shall not include: 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).

- ~~(i) resource adequacy attributes or other locational attributes associated with the DRAM Resource related to a local RAR;~~
- ~~(ii) flexible capacity resource adequacy attributes associated with the DRAM Resource; or~~
- ~~(iii) any right of Buyer to the energy or ancillary services from the DRAM Resource.~~

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

“Product Monthly Quantity” 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.

“Qualified Institution” 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 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.}*

“RAR” 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.

“Residential Customer” 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]* .

“Residential Customer Product” 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.*

“Revenue Quality Meter Data” 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.

“Rule 24/32” means Direct Participation Demand Response: PG&E:

[https://www.pge.com/regulation/DemandResponseOIR/Other\\_Docs/Joint\\_PSS/2013/DemandResponseOIR\\_Other\\_Doc\\_Joint\\_PSS\\_20130204\\_262339Ateh01\\_262340.pdf](https://www.pge.com/regulation/DemandResponseOIR/Other_Docs/Joint_PSS/2013/DemandResponseOIR_Other_Doc_Joint_PSS_20130204_262339Ateh01_262340.pdf); SCE: [https://www.sce.com/NR/sc3/tm2/pdf/Rule\\_24.pdf](https://www.sce.com/NR/sc3/tm2/pdf/Rule_24.pdf)<https://www.pge.com/regulation/DemandResp>



[onseOIR/Other-Docs/Joint-PSS/2013/DemandResponseOIR\\_Other-Doc\\_Joint-PSS\\_20130204\\_262339Atch01\\_262340.pdf](https://www.sce.com/NR/sc3/tm2/pdf/Rule_24.pdf); SCE: [https://www.sce.com/NR/sc3/tm2/pdf/Rule\\_24.pdf](https://www.sce.com/NR/sc3/tm2/pdf/Rule_24.pdf); SDG&E ERule 32: [http://regarchive.sdge.com/tm2/pdf/ELEC\\_ELEC-RULES\\_ERULE32.pdf](http://regarchive.sdge.com/tm2/pdf/ELEC_ELEC-RULES_ERULE32.pdf)[http://regarchive.sdge.com/tm2/pdf/ELEC\\_ELEC-RULES\\_ERULE32.pdf](http://regarchive.sdge.com/tm2/pdf/ELEC_ELEC-RULES_ERULE32.pdf).

“S&P” means Standard & Poor’s Financial Services LLC, or its successor.

“SAID” or “Service Account Identification” 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.

“Seller” has the meaning set forth in the preamble.

“Settlement Amount” 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-values times the applicable Contract Price for each type of Product.

“Shortfall Capacity” 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.

“Showing Month” 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}.*

“Successor” 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).

“Term” has the meaning set forth in Section 1.2.

“Termination Payment” 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.

“Transfer” 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.

“Unbundled Service Customer” 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.

~~“WMDVBE” means women, minority, and disabled veteran business enterprise, as more particularly set forth in CPUC General Order 156.~~



**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

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: \_\_\_\_\_

**ATTACHMENT A**

TO ***[ISSUING BANK NAME]***

IRREVOCABLE NON-TRANSFERABLE STANDBY LETTER OF CREDIT

No. \_\_\_\_\_

DRAWING CERTIFICATE

Bank

Bank Address

Subject: Irrevocable Non-transferable Standby Letter of Credit

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. {\_\_\_\_\_}, dated \_\_\_\_\_, (the “Letter of Credit”), issued by the Bank in favor of the Beneficiary, as follows as of the date hereof:

1. The Beneficiary is entitled to draw under the Letter of Credit an amount equal to \$\_\_\_\_\_, for the following reason(s) [check applicable provision]:

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

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:

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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:

Title:

**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\$xxxxxxx.xx)]**, 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 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\$xxxxxxx.xx)]** 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 **[Insert identification 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 within thirty (30) days after the resumption of our business and 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: \_\_\_\_\_

**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: \_\_\_\_\_  
 Seller: \_\_\_\_\_  
 Seller Contact Name: \_\_\_\_\_  
 Seller Contact Phone: \_\_\_\_\_  
 SCD: \_\_\_\_\_  
 Local Capacity Area (LCA): \_\_\_\_\_ (mark "n/a" if not a Local Capacity product)

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 and/or RDRRs 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			
PDR / RDRR Resource Name	CAISO Resource ID	Assigned NQC (MW)*	Capacity Test Maximum hourly load reduction during capacity test conducted by Seller's SC during Showing Month		Must Offer Obligation (MOO) Average capacity amount Seller bid into CAISO during Showing Month		Dispatch Results Maximum hourly load reduction resulting from Dispatch during Showing Month		MWC Claimed Specify the MW portion used to meet the contract obligation		Residential Product This section is only required if delivering Residential Customer Product			Local Capacity Product This section is only required if delivering Local Capacity Product	
			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							
Demonstrated Capacity ==>>				0.00 MW		0.00 MW		0.00 MW			0	0	0	0	0
<b>IMPORTANT NOTES:</b> ▲ "Monthly Quantity" is from the quantity & pricing Table in Exhibit E. * In case of a Joint Resource, report full PDR / RDRR NQC here. ** If using a Joint Resource, report Service Account information (count) only for the portion used.			1) Each capacity test must be at least two (2) consecutive hours long		1) Must be bid into the Day-Ahead Market		1) An eligible Dispatch requires that the PDR/RDRR provided load reduction in all applicable hours of the CAISO Dispatch Instructions.		For PDR / RDRRs that are not Joint Resources, MW Claimed = MW Demonstrated (Column F, H or J)		Percent Residential Accounts			Percent Local Accounts	
			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		For Joint Resources, 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 C-2

### Form of Notice of Demonstrated Capacity

#### EXHIBIT C2 - Notice of Demonstrated Capacity (EFC)

Demand Response Auction Me

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)*

Total "Monthly Quantity"  
 Total "Demonstrated Capacity"  
 Residential Product (Ye  
**Therefore: in Delivered Capacity Payment formul**

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					
PDR Resource Name	CAISO Resource ID	Assigned EFC (MW)*  0.00 MW	Flexible Category (1, 2, or 3)	For each PDR Resource (row), chose <u>one</u> demonstration method (column) to establish monthly Demonstrated Capacity					
				Capacity Test Average hourly load reduction during capacity test conducted by Seller's SC during Showing Month		Must Offer Obligation (MOO) Average capacity amount Seller bid into CAISO during Showing Month		Dispatch Results Average hourly load reduction resulting from Dispatch during Showing Month	
				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
					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
					0.00 MW		0.00 MW		0.00 MW
<b>Demonstrated Capacity ==&gt;</b>					0.00 MW		0.00 MW		0.00 MW
<b>IMPORTANT NOTES:</b> * "Monthly Quantity" is from the quantity & pricing Table in Exhibit E. * In case of a Joint Resource, report full PDR EFC here. ** If using a Joint Resource, report Service Account information (count) only for the portion used.				1) Each capacity test must be at least two (2) consecutive hours long	1) Must be bid into the Day-Ahead Market		1) An eligible Dispatch requires the PDR provided load reduction all applicable hours of the C Dispatch Instructions		
				2) Should be calculated using the PDR Capacity Baseline	2) Only include bids submitted in compliance with the MOO hours		2) Should be calculated using PDR Capacity Baseline		

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>.

Form - EFC Copy of DRAM Exhibit C - Demonstrated Capacity



# EXHIBIT D

## Form of Notice of Showing Month Supply Plan

Sample Counterparty Monthly Supply Plan Template

Contact Information			Supply Plan Information for Resources under DRAM Purchase Agreement to [insert IOU name]												
Contact Person	Phone Number	Email	Seller (or Seller's agent) SCID	Resource ID in CAISO Master File	System RA Capacity (RC) (MW 00.00 No rounding)	Local RA Capacity (LC) (MW 00.00 No rounding)		Flex RA Capacity (FC) (MW 00.00 No rounding)	Flex RA Category (1, 2, or 3)	System RA Capacity used for Contract (MW 00.00)	Local RA Capacity used for Contract (MW 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 (hr)
						LCA 1	LCA 2				LCA 1	LCA 2			

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 Month	Product [INSERT]	
	Monthly Quantity (kW for each day of Showing Month)	Contract Price (\$/kW-Month)
January		
February		
March		
April		
May		
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)**  
*[For PG&E Agreements only]*

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

**TABLE 1.1(b) (CONT'D)**

<b><u>Local Capacity Area</u></b>	<b><u>Substation_cd</u></b>	<b><u>Substation Description</u></b>
<u>Greater Bay Area</u>		<u>1326 SOTO</u>
<u>Greater Bay Area</u>		<u>1330 PLEASANT_HILL</u>
<u>Greater Bay Area</u>		<u>1331 RUSSELL</u>
<u>Greater Bay Area</u>		<u>1334 SPRUCE</u>
<u>Greater Bay Area</u>		<u>1335 WALDO</u>
<u>Greater Bay Area</u>		<u>1338 WOOD</u>
<u>Greater Bay Area</u>		<u>1343 FAIRVIEW</u>
<u>Greater Bay Area</u>		<u>1346 SAN_LORENZO</u>
<u>Greater Bay Area</u>		<u>1347 RICHMOND_R</u>
<u>Greater Bay Area</u>		<u>1348 ESTUDILLO</u>
<u>Greater Bay Area</u>		<u>1350 JARVIS</u>
<u>Greater Bay Area</u>		<u>1352 MAPLE</u>
<u>Greater Bay Area</u>		<u>1353 LAKEWOOD</u>
<u>Greater Bay Area</u>		<u>1355 GILL</u>
<u>Greater Bay Area</u>		<u>1356 SARANAP</u>
<u>Greater Bay Area</u>		<u>1358 ROBLES</u>
<u>Greater Bay Area</u>		<u>1359 GEARY</u>
<u>Greater Bay Area</u>		<u>1360 LAS_AROMAS</u>
<u>Greater Bay Area</u>		<u>1365 CONTRA_COSTA</u>
<u>Greater Bay Area</u>		<u>1366 PARSONS</u>
<u>Greater Bay Area</u>		<u>1368 EDES</u>
<u>Greater Bay Area</u>		<u>1370 ARLINGTON</u>
<u>Greater Bay Area</u>		<u>1373 ORIOLE</u>
<u>Greater Bay Area</u>		<u>1374 WALL</u>
<u>Greater Bay Area</u>		<u>1375 VASCO</u>
<u>Greater Bay Area</u>		<u>1376 MT_EDEN</u>
<u>Greater Bay Area</u>		<u>1378 VIRGINIA</u>
<u>Greater Bay Area</u>		<u>1380 MORAGA</u>
<u>Greater Bay Area</u>		<u>1381 WAYNE</u>
<u>Greater Bay Area</u>		<u>1384 STUART</u>
<u>Greater Bay Area</u>		<u>1385 BABEL</u>
<u>Greater Bay Area</u>		<u>1391 WILLOW_PASS</u>
<u>Greater Bay Area</u>		<u>1392 FRANKLIN</u>
<u>Greater Bay Area</u>		<u>1405 NORTH_DUBLIN</u>
<u>Greater Bay Area</u>		<u>1409 CASTRO_VALLEY</u>
<u>Greater Bay Area</u>		<u>1410 ALHAMBRA</u>
<u>Greater Bay Area</u>		<u>1416 ROSSMOOR</u>
<u>Greater Bay Area</u>		<u>1423 SAN_RAMON</u>
<u>Greater Bay Area</u>		<u>1424 SUNOL</u>
<u>Greater Bay Area</u>		<u>1426 POINT_PINOLE</u>
<u>Greater Bay Area</u>		<u>1430 MEADOW_LANE</u>
<u>Greater Bay Area</u>		<u>1432 BALFOUR</u>
<u>Greater Bay Area</u>		<u>1434 VALLEY_VIEW</u>

**TABLE 1.1(b) (CONT'D)**

<b>Local Capacity Area</b>	<b>Substation_cd</b>	<b>Substation Description</b>
<a href="#">Greater Bay Area</a>		<a href="#">1435 FREMONT</a>
<a href="#">Greater Bay Area</a>		<a href="#">1437 SAN_PABLO</a>
<a href="#">Greater Bay Area</a>		<a href="#">1438 GRANT</a>
<a href="#">Greater Bay Area</a>		<a href="#">1440 LAS_POSITAS</a>
<a href="#">Greater Bay Area</a>		<a href="#">1442 CAYETANO</a>
<a href="#">Greater Bay Area</a>		<a href="#">1445 KIRKER</a>
<a href="#">Greater Bay Area</a>		<a href="#">1447 DUMBARTON</a>
<a href="#">Greater Bay Area</a>		<a href="#">1450 VINEYARD</a>
<a href="#">Greater Bay Area</a>		<a href="#">1459 BRENTWOOD</a>
<a href="#">Greater Bay Area</a>		<a href="#">1465 TIDEWATER</a>
<a href="#">Greater Bay Area</a>		<a href="#">1466 TASSAJARA</a>
<a href="#">Greater Bay Area</a>		<a href="#">1467 SOBRANTE</a>
<a href="#">Greater Bay Area</a>		<a href="#">1469 RESEARCH</a>
<a href="#">Greater Bay Area</a>		<a href="#">1472 DIXON_LANDING</a>
<a href="#">Greater Bay Area</a>		<a href="#">1809 MCAVOY_TAP</a>
<a href="#">Greater Bay Area</a>		<a href="#">1810 SHORE_ACRES_BANK</a>
<a href="#">Greater Bay Area</a>		<a href="#">1812 PIPER_BANK</a>
<a href="#">Greater Bay Area</a>		<a href="#">1815 BETHEL_BANK</a>
<a href="#">Greater Bay Area</a>		<a href="#">1832 JERSEY_ISLAND</a>
<a href="#">Greater Bay Area</a>		<a href="#">2201 SF_X</a>
<a href="#">Greater Bay Area</a>		<a href="#">2203 SF_A</a>
<a href="#">Greater Bay Area</a>		<a href="#">2207 SF_E</a>
<a href="#">Greater Bay Area</a>		<a href="#">2209 SF_G</a>
<a href="#">Greater Bay Area</a>		<a href="#">2210 SF_H</a>
<a href="#">Greater Bay Area</a>		<a href="#">2213 SF_K</a>
<a href="#">Greater Bay Area</a>		<a href="#">2222 SF_J</a>
<a href="#">Greater Bay Area</a>		<a href="#">2226 SF_L</a>
<a href="#">Greater Bay Area</a>		<a href="#">2227 SF_M</a>
<a href="#">Greater Bay Area</a>		<a href="#">2228 SF_N</a>
<a href="#">Greater Bay Area</a>		<a href="#">2233 SF_P</a>
<a href="#">Greater Bay Area</a>		<a href="#">2234 SF_Q</a>
<a href="#">Greater Bay Area</a>		<a href="#">2239 18TH_STREET</a>
<a href="#">Greater Bay Area</a>		<a href="#">2240 JUDAH</a>
<a href="#">Greater Bay Area</a>		<a href="#">2244 LAWNDALE</a>
<a href="#">Greater Bay Area</a>		<a href="#">2247 ACTON</a>
<a href="#">Greater Bay Area</a>		<a href="#">2248 CASTRO</a>
<a href="#">Greater Bay Area</a>		<a href="#">2249 YOSEMITE</a>
<a href="#">Greater Bay Area</a>		<a href="#">2250 TARAVAL</a>
<a href="#">Greater Bay Area</a>		<a href="#">2251 NORIEGA</a>
<a href="#">Greater Bay Area</a>		<a href="#">2253 6TH_AVENUE</a>
<a href="#">Greater Bay Area</a>		<a href="#">2255 21ST_AVENUE</a>
<a href="#">Greater Bay Area</a>		<a href="#">2257 EAST_GRAND</a>
<a href="#">Greater Bay Area</a>		<a href="#">2258 OCEAN</a>

**TABLE 1.1(b) (CONT'D)**

<b>Local Capacity Area</b>	<b>Substation_cd</b>	<b>Substation Description</b>
<a href="#">Greater Bay Area</a>		<a href="#">2259 RANDOLPH</a>
<a href="#">Greater Bay Area</a>		<a href="#">2260 WESTLAKE</a>
<a href="#">Greater Bay Area</a>		<a href="#">2261 PORTOLA</a>
<a href="#">Greater Bay Area</a>		<a href="#">2264 DALY_CITY</a>
<a href="#">Greater Bay Area</a>		<a href="#">2265 DALY_CITY_UNIT_SUB</a>
<a href="#">Greater Bay Area</a>		<a href="#">2267 SILVER</a>
<a href="#">Greater Bay Area</a>		<a href="#">2268 PLYMOUTH</a>
<a href="#">Greater Bay Area</a>		<a href="#">2269 MILLBRAE</a>
<a href="#">Greater Bay Area</a>		<a href="#">2270 SAN_BRUNO</a>
<a href="#">Greater Bay Area</a>		<a href="#">2272 SNEATH_LANE</a>
<a href="#">Greater Bay Area</a>		<a href="#">2278 MARINA</a>
<a href="#">Greater Bay Area</a>		<a href="#">2280 SF_Y</a>
<a href="#">Greater Bay Area</a>		<a href="#">2281 PACIFICA</a>
<a href="#">Greater Bay Area</a>		<a href="#">2285 SULLIVAN</a>
<a href="#">Greater Bay Area</a>		<a href="#">2286 SERRAMONTE</a>
<a href="#">Greater Bay Area</a>		<a href="#">2287 SF_Z</a>
<a href="#">Greater Bay Area</a>		<a href="#">2289 BAYSHORE</a>
<a href="#">Greater Bay Area</a>		<a href="#">2401 BAY_MEADOWS</a>
<a href="#">Greater Bay Area</a>		<a href="#">2402 BELL_HAVEN</a>
<a href="#">Greater Bay Area</a>		<a href="#">2403 BELMONT</a>
<a href="#">Greater Bay Area</a>		<a href="#">2404 BERESFORD</a>
<a href="#">Greater Bay Area</a>		<a href="#">2405 BURLINGAME</a>
<a href="#">Greater Bay Area</a>		<a href="#">2406 CAROLANDS</a>
<a href="#">Greater Bay Area</a>		<a href="#">2408 EMERALD_LAKE</a>
<a href="#">Greater Bay Area</a>		<a href="#">2409 GLENWOOD</a>
<a href="#">Greater Bay Area</a>		<a href="#">2410 HALF_MOON_BAY</a>
<a href="#">Greater Bay Area</a>		<a href="#">2411 HILLSDALE</a>
<a href="#">Greater Bay Area</a>		<a href="#">2412 LAS_PULGAS</a>
<a href="#">Greater Bay Area</a>		<a href="#">2413 MENLO</a>
<a href="#">Greater Bay Area</a>		<a href="#">2414 RALSTON</a>
<a href="#">Greater Bay Area</a>		<a href="#">2416 REDWOOD_CITY</a>
<a href="#">Greater Bay Area</a>		<a href="#">2418 SAN_CARLOS</a>
<a href="#">Greater Bay Area</a>		<a href="#">2419 SAN_MATEO</a>
<a href="#">Greater Bay Area</a>		<a href="#">2424 WATERSHED</a>
<a href="#">Greater Bay Area</a>		<a href="#">2425 WOODSIDE</a>
<a href="#">Greater Bay Area</a>		<a href="#">2426 BAIR</a>
<a href="#">Greater Bay Area</a>		<a href="#">8201 EVERGREEN</a>
<a href="#">Greater Bay Area</a>		<a href="#">8202 LOS_GATOS</a>
<a href="#">Greater Bay Area</a>		<a href="#">8203 MOUNTAIN_VIEW</a>
<a href="#">Greater Bay Area</a>		<a href="#">8216 LOYOLA</a>
<a href="#">Greater Bay Area</a>		<a href="#">8219 MABURY</a>
<a href="#">Greater Bay Area</a>		<a href="#">8224 LOS_ALTOS</a>
<a href="#">Greater Bay Area</a>		<a href="#">8225 SAN_JOSE_A</a>

**TABLE 1.1(b) (CONT'D)**

<b>Local Capacity Area</b>	<b>Substation_cd</b>	<b>Substation Description</b>
<a href="#">Greater Bay Area</a>	<a href="#">8226</a>	<a href="#">SAN_JOSE_B</a>
<a href="#">Greater Bay Area</a>	<a href="#">8231</a>	<a href="#">ALMADEN</a>
<a href="#">Greater Bay Area</a>	<a href="#">8234</a>	<a href="#">RIVER_OAKS</a>
<a href="#">Greater Bay Area</a>	<a href="#">8246</a>	<a href="#">NORTECH</a>
<a href="#">Greater Bay Area</a>	<a href="#">8283</a>	<a href="#">MILPITAS</a>
<a href="#">Greater Bay Area</a>	<a href="#">8292</a>	<a href="#">EL_PATIO</a>
<a href="#">Greater Bay Area</a>	<a href="#">8295</a>	<a href="#">EDENVALE</a>
<a href="#">Greater Bay Area</a>	<a href="#">8300</a>	<a href="#">LOCKHEED_NO.2</a>
<a href="#">Greater Bay Area</a>	<a href="#">8318</a>	<a href="#">LLAGAS</a>
<a href="#">Greater Bay Area</a>	<a href="#">8324</a>	<a href="#">MORGAN_HILL</a>
<a href="#">Greater Bay Area</a>	<a href="#">8337</a>	<a href="#">SARATOGA</a>
<a href="#">Greater Bay Area</a>	<a href="#">8339</a>	<a href="#">SWIFT</a>
<a href="#">Greater Bay Area</a>	<a href="#">8342</a>	<a href="#">LAWRENCE</a>
<a href="#">Greater Bay Area</a>	<a href="#">8343</a>	<a href="#">HICKS</a>
<a href="#">Greater Bay Area</a>	<a href="#">8348</a>	<a href="#">STELLING</a>
<a href="#">Greater Bay Area</a>	<a href="#">8353</a>	<a href="#">MC_KEE</a>
<a href="#">Greater Bay Area</a>	<a href="#">8361</a>	<a href="#">BRITTON</a>
<a href="#">Greater Bay Area</a>	<a href="#">8363</a>	<a href="#">WHISMAN</a>
<a href="#">Greater Bay Area</a>	<a href="#">8367</a>	<a href="#">WOLFE</a>
<a href="#">Greater Bay Area</a>	<a href="#">8370</a>	<a href="#">STONE</a>
<a href="#">Greater Bay Area</a>	<a href="#">8377</a>	<a href="#">VASONA</a>
<a href="#">Greater Bay Area</a>	<a href="#">8380</a>	<a href="#">TRIMBLE</a>
<a href="#">Greater Bay Area</a>	<a href="#">8387</a>	<a href="#">FMC</a>
<a href="#">Greater Bay Area</a>	<a href="#">8389</a>	<a href="#">MONTAGUE</a>
<a href="#">Greater Bay Area</a>	<a href="#">8390</a>	<a href="#">AMES</a>
<a href="#">Greater Bay Area</a>	<a href="#">8391</a>	<a href="#">PIERCY</a>
<a href="#">Greater Fresno Area</a>	<a href="#">25204</a>	<a href="#">AIRWAYS</a>
<a href="#">Greater Fresno Area</a>	<a href="#">25205</a>	<a href="#">ASHLAN_AVE</a>
<a href="#">Greater Fresno Area</a>	<a href="#">25215</a>	<a href="#">ANGIOLA</a>
<a href="#">Greater Fresno Area</a>	<a href="#">25216</a>	<a href="#">COALINGA_NO_1</a>
<a href="#">Greater Fresno Area</a>	<a href="#">25217</a>	<a href="#">CORCORAN</a>
<a href="#">Greater Fresno Area</a>	<a href="#">25221</a>	<a href="#">BIOLA</a>
<a href="#">Greater Fresno Area</a>	<a href="#">25224</a>	<a href="#">KINGSBURG</a>
<a href="#">Greater Fresno Area</a>	<a href="#">25228</a>	<a href="#">CALIFORNIA_AVE</a>
<a href="#">Greater Fresno Area</a>	<a href="#">25229</a>	<a href="#">PARLIER</a>
<a href="#">Greater Fresno Area</a>	<a href="#">25230</a>	<a href="#">CAMDEN</a>
<a href="#">Greater Fresno Area</a>	<a href="#">25234</a>	<a href="#">REEDLEY</a>
<a href="#">Greater Fresno Area</a>	<a href="#">25235</a>	<a href="#">SANGER</a>
<a href="#">Greater Fresno Area</a>	<a href="#">25236</a>	<a href="#">SAN_JOAQUIN</a>
<a href="#">Greater Fresno Area</a>	<a href="#">25237</a>	<a href="#">CARUTHERS</a>
<a href="#">Greater Fresno Area</a>	<a href="#">25238</a>	<a href="#">COALINGA_NO_2</a>
<a href="#">Greater Fresno Area</a>	<a href="#">25241</a>	<a href="#">COPPERMINE</a>
<a href="#">Greater Fresno Area</a>	<a href="#">25250</a>	<a href="#">BALCH_NO_1</a>

**TABLE 1.1(b) (CONT'D)**

<b><u>Local Capacity Area</u></b>	<b><u>Substation_cd</u></b>	<b><u>Substation Description</u></b>
<u>Greater Fresno Area</u>		<u>25256KERCKHOFF</u>
<u>Greater Fresno Area</u>		<u>25266GUERNSEY</u>
<u>Greater Fresno Area</u>		<u>25268HENRIETTA</u>
<u>Greater Fresno Area</u>		<u>25270KEARNEY</u>
<u>Greater Fresno Area</u>		<u>25271KERMAN</u>
<u>Greater Fresno Area</u>		<u>25273KETTLEMAN_HILLS</u>
<u>Greater Fresno Area</u>		<u>25284OROSI</u>
<u>Greater Fresno Area</u>		<u>25285PINEDALE</u>
<u>Greater Fresno Area</u>		<u>25289SCHINDLER</u>
<u>Greater Fresno Area</u>		<u>25292STONE_CORRAL</u>
<u>Greater Fresno Area</u>		<u>25294TIVY_VALLEY</u>
<u>Greater Fresno Area</u>		<u>25295TULARE_LAKE</u>
<u>Greater Fresno Area</u>		<u>25315GIFFEN</u>
<u>Greater Fresno Area</u>		<u>25316HURON</u>
<u>Greater Fresno Area</u>		<u>25344CALFLAX</u>
<u>Greater Fresno Area</u>		<u>25345DEVILS_DEN</u>
<u>Greater Fresno Area</u>		<u>25353BOWLES</u>
<u>Greater Fresno Area</u>		<u>25357BARTON</u>
<u>Greater Fresno Area</u>		<u>25359CANTUA</u>
<u>Greater Fresno Area</u>		<u>25360LEMOORE</u>
<u>Greater Fresno Area</u>		<u>25366STROUD</u>
<u>Greater Fresno Area</u>		<u>25371HARDWICK</u>
<u>Greater Fresno Area</u>		<u>25373WEST_FRESNO</u>
<u>Greater Fresno Area</u>		<u>25392MANCHESTER</u>
<u>Greater Fresno Area</u>		<u>25393GATES</u>
<u>Greater Fresno Area</u>		<u>25396BULLARD</u>
<u>Greater Fresno Area</u>		<u>25400ALPAUGH</u>
<u>Greater Fresno Area</u>		<u>25406DUNLAP</u>
<u>Greater Fresno Area</u>		<u>25408CLOVIS</u>
<u>Greater Fresno Area</u>		<u>25409DINUBA</u>
<u>Greater Fresno Area</u>		<u>25412MC_CALL</u>
<u>Greater Fresno Area</u>		<u>25415AUBERRY</u>
<u>Greater Fresno Area</u>		<u>25418RESERVE_OIL</u>
<u>Greater Fresno Area</u>		<u>25425MALAGA</u>
<u>Greater Fresno Area</u>		<u>25441MC_MULLIN</u>
<u>Greater Fresno Area</u>		<u>25444RAINBOW</u>
<u>Greater Fresno Area</u>		<u>25453WAHTOKE</u>
<u>Greater Fresno Area</u>		<u>25455FIGARDEN</u>
<u>Greater Fresno Area</u>		<u>25460SAND_CREEK</u>
<u>Greater Fresno Area</u>		<u>25477JACOBS_CORNER</u>
<u>Greater Fresno Area</u>		<u>25480RANCHERS_COTTON</u>
<u>Greater Fresno Area</u>		<u>25491WOODCHUCK</u>
<u>Greater Fresno Area</u>		<u>25492LAS_PALMAS</u>

**TABLE 1.1(b) (CONT'D)**

<b><u>Local Capacity Area</u></b>	<b><u>Substation_cd</u></b>	<b><u>Substation Description</u></b>
<u>Greater Fresno Area</u>		<u>25494BOSWELL</u>
<u>Greater Fresno Area</u>		<u>25500AVENAL</u>
<u>Greater Fresno Area</u>		<u>25525RIVER_ROCK</u>
<u>Greater Fresno Area</u>		<u>25529WOODWARD</u>
<u>Greater Fresno Area</u>		<u>25859TULE_POWER_HOUSE</u>
<u>Greater Fresno Area</u>		<u>25888SO._CAL._EDISON</u>
<u>Humboldt</u>		<u>4214 CLEAR_LAKE</u>
<u>Humboldt</u>		<u>4225 HOPLAND</u>
<u>Humboldt</u>		<u>4228 POTTER_VALLEY_P_H</u>
<u>Humboldt</u>		<u>4260 PHILO</u>
<u>Humboldt</u>		<u>4266 WILLITS</u>
<u>Humboldt</u>		<u>4268 LAYTONVILLE</u>
<u>Humboldt</u>		<u>4276 FORT_BRAGG_A</u>
<u>Humboldt</u>		<u>4277 UKIAH</u>
<u>Humboldt</u>		<u>4284 GUALALA</u>
<u>Humboldt</u>		<u>4286 ANNAPOLIS</u>
<u>Humboldt</u>		<u>4287 UPPER_LAKE</u>
<u>Humboldt</u>		<u>4295 MENDOCINO</u>
<u>Humboldt</u>		<u>4298 ELK</u>
<u>Humboldt</u>		<u>4304 GARCIA</u>
<u>Humboldt</u>		<u>4306 COVELO</u>
<u>Humboldt</u>		<u>4308 BIG_RIVER</u>
<u>Humboldt</u>		<u>4314 MIDDLETOWN</u>
<u>Humboldt</u>		<u>4319 REDBUD</u>
<u>Humboldt</u>		<u>4321 HARTLEY</u>
<u>Humboldt</u>		<u>4331 KONOCTI</u>
<u>Humboldt</u>		<u>4335 LUCERNE</u>
<u>Humboldt</u>		<u>4336 HIGHLANDS</u>
<u>Humboldt</u>		<u>4338 POINT_ARENA</u>
<u>Humboldt</u>		<u>4341 CALPELLA</u>
<u>Humboldt</u>		<u>19202 ARCATA</u>
<u>Humboldt</u>		<u>19210 MAPLE_CREEK</u>
<u>Humboldt</u>		<u>19212 EUREKA_A</u>
<u>Humboldt</u>		<u>19215 NEWBURG</u>
<u>Humboldt</u>		<u>19217 WILLOW_CREEK</u>
<u>Humboldt</u>		<u>19218 BLUE_LAKE</u>
<u>Humboldt</u>		<u>19222 GARBERVILLE</u>
<u>Humboldt</u>		<u>19223 TRINIDAD</u>
<u>Humboldt</u>		<u>19225 RIO_DELL</u>
<u>Humboldt</u>		<u>19226 ORICK</u>
<u>Humboldt</u>		<u>19229 CARLOTTA</u>
<u>Humboldt</u>		<u>19231 FRUITLAND</u>
<u>Humboldt</u>		<u>19232 FORT_SEWARD</u>



**TABLE 1.1(b) (CONT'D)**

<b><u>Local Capacity Area</u></b>	<b><u>Substation_cd</u></b>	<b><u>Substation Description</u></b>
<u>Humboldt</u>	<u>19233</u>	<u>STATION E EUREKA</u>
<u>Humboldt</u>	<u>19234</u>	<u>HUMBOLDT_BAY</u>
<u>Humboldt</u>	<u>19236</u>	<u>BIG_LAGOON</u>
<u>Humboldt</u>	<u>19238</u>	<u>EEL_RIVER</u>
<u>Humboldt</u>	<u>19239</u>	<u>JANES_CREEK</u>
<u>Humboldt</u>	<u>19240</u>	<u>HOOPA</u>
<u>Humboldt</u>	<u>19241</u>	<u>LOW_GAP</u>
<u>Humboldt</u>	<u>19243</u>	<u>HARRIS</u>
<u>Humboldt</u>	<u>19245</u>	<u>FAIRHAVEN</u>
<u>Humboldt</u>	<u>19246</u>	<u>BRIDGEVILLE</u>
<u>Humboldt</u>	<u>19247</u>	<u>RUSS_RANCH</u>
<u>Kern</u>	<u>25202</u>	<u>ANTELOPE</u>
<u>Kern</u>	<u>25208</u>	<u>TAFT</u>
<u>Kern</u>	<u>25232</u>	<u>CARNERAS</u>
<u>Kern</u>	<u>25244</u>	<u>ELK_HILLS</u>
<u>Kern</u>	<u>25246</u>	<u>FAMOSO</u>
<u>Kern</u>	<u>25255</u>	<u>TEMBLOR</u>
<u>Kern</u>	<u>25261</u>	<u>MIDWAY</u>
<u>Kern</u>	<u>25272</u>	<u>KERN_OIL</u>
<u>Kern</u>	<u>25277</u>	<u>MAGUNDEN</u>
<u>Kern</u>	<u>25278</u>	<u>MCKITTRICK</u>
<u>Kern</u>	<u>25282</u>	<u>OLD_RIVER</u>
<u>Kern</u>	<u>25286</u>	<u>RIO_BRAVO</u>
<u>Kern</u>	<u>25290</u>	<u>SEMITROPIC</u>
<u>Kern</u>	<u>25293</u>	<u>TEJON</u>
<u>Kern</u>	<u>25296</u>	<u>WASCO</u>
<u>Kern</u>	<u>25297</u>	<u>WEEDPATCH</u>
<u>Kern</u>	<u>25314</u>	<u>CUYAMA</u>
<u>Kern</u>	<u>25318</u>	<u>MC_FARLAND</u>
<u>Kern</u>	<u>25319</u>	<u>SAN_BERNARD</u>
<u>Kern</u>	<u>25337</u>	<u>BAKERSFIELD</u>
<u>Kern</u>	<u>25339</u>	<u>FRUITVALE</u>
<u>Kern</u>	<u>25341</u>	<u>LAKEVIEW</u>
<u>Kern</u>	<u>25342</u>	<u>PANAMA</u>
<u>Kern</u>	<u>25346</u>	<u>CARRIZO_PLAINS</u>
<u>Kern</u>	<u>25348</u>	<u>WHEELER_RIDGE</u>
<u>Kern</u>	<u>25349</u>	<u>LERDO</u>
<u>Kern</u>	<u>25355</u>	<u>SMYRNA</u>
<u>Kern</u>	<u>25364</u>	<u>POSO_MOUNTAIN</u>
<u>Kern</u>	<u>25365</u>	<u>SHAFTER</u>
<u>Kern</u>	<u>25370</u>	<u>WESTPARK</u>
<u>Kern</u>	<u>25380</u>	<u>ARVIN</u>
<u>Kern</u>	<u>25387</u>	<u>COPUS</u>

**TABLE 1.1(b) (CONT'D)**

<b><u>Local Capacity Area</u></b>	<b><u>Substation_cd</u></b>	<b><u>Substation Description</u></b>
<u>Kern</u>		<u>25391LAMONT</u>
<u>Kern</u>		<u>25395COLUMBUS</u>
<u>Kern</u>		<u>25407STOCKDALE</u>
<u>Kern</u>		<u>25420GOOSE_LAKE</u>
<u>Kern</u>		<u>25421MARICOPA</u>
<u>Kern</u>		<u>25424FELLOWS</u>
<u>Kern</u>		<u>25429WELLFIELD</u>
<u>Kern</u>		<u>25437BELRIDGE_1A</u>
<u>Kern</u>		<u>25440TWISSELMAN</u>
<u>Kern</u>		<u>25448BERRENDA_C</u>
<u>Kern</u>		<u>25450CHARCA</u>
<u>Kern</u>		<u>25451TECUYA</u>
<u>Kern</u>		<u>25454GANSO</u>
<u>Kern</u>		<u>25456TUPMAN</u>
<u>Kern</u>		<u>25457RENFRO</u>
<u>Kern</u>		<u>254587TH_STANDARD</u>
<u>Kern</u>		<u>25468BLACKWELL</u>
<u>Kern</u>		<u>25469NORCO</u>
<u>Kern</u>		<u>25476ROSEDALE</u>
<u>Kern</u>		<u>25482CADET</u>
<u>Kern</u>		<u>25493GARDNER</u>
<u>Kern</u>		<u>25526KERN_POWER</u>
<u>Kern</u>		<u>25527CELERON</u>
<u>Kern</u>		<u>25528CARNATION</u>
<u>Kern</u>		<u>25531PENTLAND</u>
<u>Kern</u>		<u>25532TEVIS</u>
<u>Kern</u>		<u>25542TEXACO_EMIDIO</u>
<u>Kern</u>		<u>25544PACIFIC_PIPE_GRAPEVINE</u>
<u>Kern</u>		<u>25545CAL_WATER</u>
<u>Kern</u>		<u>25811SCE_MCFARLAND</u>
<u>Kern</u>		<u>25813SCE_TEHACHAPI</u>
<u>North Coast and North Bay</u>		<u>4201SAN_RAFAEL</u>
<u>North Coast and North Bay</u>		<u>4202NAPA</u>
<u>North Coast and North Bay</u>		<u>4203ALTO</u>
<u>North Coast and North Bay</u>		<u>4204NORTH_TOWER</u>
<u>North Coast and North Bay</u>		<u>4205PARKWAY</u>
<u>North Coast and North Bay</u>		<u>4209MIRABEL</u>
<u>North Coast and North Bay</u>		<u>4212PETALUMA_A</u>
<u>North Coast and North Bay</u>		<u>4215SANTA_ROSA_A</u>
<u>North Coast and North Bay</u>		<u>4221NOVATO</u>
<u>North Coast and North Bay</u>		<u>4226BOLINAS</u>
<u>North Coast and North Bay</u>		<u>4227COTATI</u>
<u>North Coast and North Bay</u>		<u>4229OLEMA</u>

**TABLE 1.1(b) (CONT'D)**

<b>Local Capacity Area</b>	<b>Substation_cd</b>	<b>Substation Description</b>
<a href="#">North Coast and North Bay</a>		<a href="#">4230TULUCAY</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4245VALLEJO_B</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4246BASALT</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4248IGNACIO</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4249SAUSALITO</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4255VALLEJO_C</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4256FULTON</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4257MOLINO</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4263PETALUMA_C</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4265HIGHWAY</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4271CALISTOGA</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4272SONOMA</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4275FITCH_MOUNTAIN</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4281MONTE_RIO</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4282CLOVERDALE</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4285FORT_ROSS</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4289GEYSERVILLE</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4299LAS_GALLINAS_A</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4302WOODACRE</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4305MONTICELLO</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4307DUNBAR</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4309GREENBRAE</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4315TOCALOMA</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4316SALMON_CREEK</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4318BELLEVUE</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4320STAFFORD</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4325BAHIA</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4328CARQUINEZ</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4329PUEBLO</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4330MONROE</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4332RINCON</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4334SKAGGS_ISLAND</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4337LAKEVILLE</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4343SILVERADO</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4347PENNGROVE</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4349CORONA</a>
<a href="#">North Coast and North Bay</a>		<a href="#">4801CALPINE</a>
<a href="#">Other</a>		<a href="#">6202COLUSA</a>
<a href="#">Other</a>		<a href="#">6203 WOODLAND</a>
<a href="#">Other</a>		<a href="#">6204 DAVIS</a>
<a href="#">Other</a>		<a href="#">6205 WILLIAMS</a>
<a href="#">Other</a>		<a href="#">6206 DIXON</a>
<a href="#">Other</a>		<a href="#">6207 COLUSA_JUNCTION</a>

**TABLE 1.1(b) (CONT'D)**

<b>Local Capacity Area</b>	<b>Substation_cd</b>	<b>Substation Description</b>
<u>Other</u>		<u>6208 ARBUCKLE</u>
<u>Other</u>		<u>6213 SUISUN</u>
<u>Other</u>		<u>6246 GRAND_ISLAND</u>
<u>Other</u>		<u>6254 MERIDIAN</u>
<u>Other</u>		<u>6270 CORDELIA</u>
<u>Other</u>		<u>6272 KNIGHTS_LANDING</u>
<u>Other</u>		<u>6277 WILKINS_SLOUGH</u>
<u>Other</u>		<u>6283 RICE</u>
<u>Other</u>		<u>6288 MAXWELL</u>
<u>Other</u>		<u>6312 CORTINA</u>
<u>Other</u>		<u>6313 WEST_SACRAMENTO</u>
<u>Other</u>		<u>6314 RUSSELL_(SMUD)</u>
<u>Other</u>		<u>6317 MADISON</u>
<u>Other</u>		<u>6319 ZAMORA</u>
<u>Other</u>		<u>6332 WINTERS</u>
<u>Other</u>		<u>6344 PLAINFIELD</u>
<u>Other</u>		<u>6359 VACA_DIXON</u>
<u>Other</u>		<u>6360 VACAVILLE</u>
<u>Other</u>		<u>6362 DEEPWATER</u>
<u>Other</u>		<u>6364 PEABODY</u>
<u>Other</u>		<u>6368 PUTAH_CREEK</u>
<u>Other</u>		<u>6380 JAMESON</u>
<u>Other</u>		<u>6381 DUNNIGAN</u>
<u>Other</u>		<u>6866 BATAVIA</u>
<u>Other</u>		<u>6867 MAINE_PRAIRIE</u>
<u>Other</u>		<u>8284 BIG_BASIN</u>
<u>Other</u>		<u>8293 POINT_MORETTI</u>
<u>Other</u>		<u>8301 ARANA</u>
<u>Other</u>		<u>8304 BEN_LOMOND</u>
<u>Other</u>		<u>8305 BIG_TREES</u>
<u>Other</u>		<u>8311 CASSERLY</u>
<u>Other</u>		<u>8314 FELTON</u>
<u>Other</u>		<u>8319 GREEN_VALLEY</u>
<u>Other</u>		<u>8323 CLIFF_DRIVE</u>
<u>Other</u>		<u>8325 PAUL_SWEET</u>
<u>Other</u>		<u>8326 RIO_DEL_MAR</u>
<u>Other</u>		<u>8330 SOQUEL</u>
<u>Other</u>		<u>8333 WATSONVILLE</u>
<u>Other</u>		<u>8345 OPAL_CLIFFS</u>
<u>Other</u>		<u>8350 SEACLIFF</u>
<u>Other</u>		<u>8351 ERTA</u>
<u>Other</u>		<u>8362 CAMP_EVERS</u>
<u>Other</u>		<u>8369 ROB_ROY</u>

**TABLE 1.1(b) (CONT'D)**

<u>Local Capacity Area</u>	<u>Substation_cd</u>	<u>Substation Description</u>
<u>Other</u>		<u>8375 ROLAND</u>
<u>Other</u>		<u>8882 COAST_RD.</u>
<u>Other</u>		<u>8887 QUARRY_RD.</u>
<u>Other</u>		<u>10132 PIT_NO_5</u>
<u>Other</u>		<u>10202 CENTERVILLE</u>
<u>Other</u>		<u>10204 NOTRE_DAME</u>
<u>Other</u>		<u>10205 CHICO_A</u>
<u>Other</u>		<u>10211 CAPAY</u>
<u>Other</u>		<u>10212 HAMILTON_A</u>
<u>Other</u>		<u>10217 ESQUON</u>
<u>Other</u>		<u>10221 BUCKS_CREEK</u>
<u>Other</u>		<u>10236 HAMILTON_BRANCH</u>
<u>Other</u>		<u>10249 CHICO_B</u>
<u>Other</u>		<u>10252 OROVILLE</u>
<u>Other</u>		<u>10253 GRAYS_FLAT</u>
<u>Other</u>		<u>10254 VOLTA</u>
<u>Other</u>		<u>10255 EAST_QUINCY</u>
<u>Other</u>		<u>10260 GLENN</u>
<u>Other</u>		<u>10265 CHICO_C</u>
<u>Other</u>		<u>10270 ORLAND_B</u>
<u>Other</u>		<u>10274 WILLOWS_A</u>
<u>Other</u>		<u>10278 ELK_CREEK</u>
<u>Other</u>		<u>10281 BIG_MEADOWS</u>
<u>Other</u>		<u>10283 PARADISE</u>
<u>Other</u>		<u>10284 ANITA</u>
<u>Other</u>		<u>10285 JACINTO</u>
<u>Other</u>		<u>10291 WYANDOTTE</u>
<u>Other</u>		<u>10293 COTTONWOOD</u>
<u>Other</u>		<u>10294 DAYTON_ROAD</u>
<u>Other</u>		<u>10297 SYCAMORE_CREEK</u>
<u>Other</u>		<u>10302 GANSNER</u>
<u>Other</u>		<u>10303 ORO_FINO</u>
<u>Other</u>		<u>10307 NORD</u>
<u>Other</u>		<u>10308 BUTTE</u>
<u>Other</u>		<u>10309 CLARK_ROAD</u>
<u>Other</u>		<u>10310 SPANISH_CREEK</u>
<u>Other</u>		<u>10313 CRESCENT_MILLS</u>
<u>Other</u>		<u>10314 LOGAN_CREEK</u>
<u>Other</u>		<u>10318 CHESTER</u>
<u>Other</u>		<u>10319 BANGOR</u>
<u>Other</u>		<u>10320 CHALLENGE</u>
<u>Other</u>		<u>10321 HONCUT</u>
<u>Other</u>		<u>10322 KANAKA</u>

**TABLE 1.1(b) (CONT'D)**

<b><u>Local Capacity Area</u></b>	<b><u>Substation_cd</u></b>	<b><u>Substation Description</u></b>
<u>Other</u>		<u>10324 PEACHTON</u>
<u>Other</u>		<u>10325 TRES_VIAS</u>
<u>Other</u>		<u>10326 ANDERSON</u>
<u>Other</u>		<u>10327 ANTLER</u>
<u>Other</u>		<u>10330 BOGARD</u>
<u>Other</u>		<u>10331 BURNEY</u>
<u>Other</u>		<u>10332 CEDAR_CREEK</u>
<u>Other</u>		<u>10333 CORNING</u>
<u>Other</u>		<u>10334 DAIRYVILLE</u>
<u>Other</u>		<u>10335 DESCHUTES</u>
<u>Other</u>		<u>10338 FRENCH_GULCH</u>
<u>Other</u>		<u>10339 GERBER</u>
<u>Other</u>		<u>10340 GIRVAN</u>
<u>Other</u>		<u>10344 JESSUP</u>
<u>Other</u>		<u>10345 KESWICK</u>
<u>Other</u>		<u>10346 PANORAMA</u>
<u>Other</u>		<u>10348 LOS_MOLINOS</u>
<u>Other</u>		<u>10349 MC_ARTHUR</u>
<u>Other</u>		<u>10350 PIT_NO_7</u>
<u>Other</u>		<u>10352 OREGON_TRAIL</u>
<u>Other</u>		<u>10353 RAWSON</u>
<u>Other</u>		<u>10354 RED_BLUFF</u>
<u>Other</u>		<u>10355 RISING_RIVER</u>
<u>Other</u>		<u>10356 STILLWATER</u>
<u>Other</u>		<u>10357 TYLER</u>
<u>Other</u>		<u>10358 VINA</u>
<u>Other</u>		<u>10360 WHITMORE</u>
<u>Other</u>		<u>10361 WILDWOOD</u>
<u>Other</u>		<u>10372 PIT_NO_1</u>
<u>Other</u>		<u>10373 PIT_NO_3</u>
<u>Other</u>		<u>16267 WESTLEY</u>
<u>Other</u>		<u>16274 NEWMAN</u>
<u>Other</u>		<u>16283 SPRING_GAP</u>
<u>Other</u>		<u>16298 VALLEY_HOME</u>
<u>Other</u>		<u>16311 GUSTINE</u>
<u>Other</u>		<u>16316 PINECREST</u>
<u>Other</u>		<u>16319 RIVERBANK</u>
<u>Other</u>		<u>16324 TAR_FLAT</u>
<u>Other</u>		<u>16325 CROWS_LANDING</u>
<u>Other</u>		<u>16335 CURTIS</u>
<u>Other</u>		<u>16366 MIWUK</u>
<u>Other</u>		<u>16371 COTTLE</u>
<u>Other</u>		<u>16376 RACETRACK</u>

**TABLE 1.1(b) (CONT'D)**

<b><u>Local Capacity Area</u></b>	<b><u>Substation_cd</u></b>	<b><u>Substation Description</u></b>
<u>Other</u>		<u>16378 PEORIA FLAT</u>
<u>Other</u>		<u>18201 SALINAS</u>
<u>Other</u>		<u>18203 KING_CITY</u>
<u>Other</u>		<u>18204 CARMEL</u>
<u>Other</u>		<u>18205 SOLEDAD</u>
<u>Other</u>		<u>18206 FAIRWAY</u>
<u>Other</u>		<u>18207 CAMPHORA</u>
<u>Other</u>		<u>18208 LOS_OSITOS</u>
<u>Other</u>		<u>18209 MONTEREY</u>
<u>Other</u>		<u>18213 GONZALES</u>
<u>Other</u>		<u>18215 LOS_COCHES</u>
<u>Other</u>		<u>18219 SAN_ARDO</u>
<u>Other</u>		<u>18220 SPENCE</u>
<u>Other</u>		<u>18222 DEL_MONTE</u>
<u>Other</u>		<u>18226 BUENA_VISTA</u>
<u>Other</u>		<u>18229 HATTON</u>
<u>Other</u>		<u>18230 INDUSTRIAL_ACRES</u>
<u>Other</u>		<u>18233 GABILAN</u>
<u>Other</u>		<u>18235 CASTROVILLE</u>
<u>Other</u>		<u>18237 LAURELES</u>
<u>Other</u>		<u>18238 DOLAN_ROAD</u>
<u>Other</u>		<u>18239 OILFIELDS</u>
<u>Other</u>		<u>18240 FORT_ORD</u>
<u>Other</u>		<u>18244 PACIFIC_GROVE</u>
<u>Other</u>		<u>18246 BORONDA</u>
<u>Other</u>		<u>18249 HOLLISTER</u>
<u>Other</u>		<u>18254 ATASCADERO</u>
<u>Other</u>		<u>18255 CAYUCOS</u>
<u>Other</u>		<u>18256 CHOLAME</u>
<u>Other</u>		<u>18257 DIVIDE</u>
<u>Other</u>		<u>18258 GOLDTREE</u>
<u>Other</u>		<u>18260 OCEANO</u>
<u>Other</u>		<u>18261 PASO_ROBLES</u>
<u>Other</u>		<u>18263 SAN_LUIS_OBISPO</u>
<u>Other</u>		<u>18266 SAN_MIGUEL</u>
<u>Other</u>		<u>18267 SANTA_MARIA</u>
<u>Other</u>		<u>18268 ZACA</u>
<u>Other</u>		<u>18272 SANTA_YNEZ</u>
<u>Other</u>		<u>18273 RESERVATION_ROAD</u>
<u>Other</u>		<u>18274 SAN_BENITO</u>
<u>Other</u>		<u>18277 CAMBRIA</u>
<u>Other</u>		<u>18280 BAYWOOD</u>
<u>Other</u>		<u>18281 SISQUOC</u>

**TABLE 1.1(b) (CONT'D)**

<b><u>Local Capacity Area</u></b>	<b><u>Substation_cd</u></b>	<b><u>Substation Description</u></b>
<u>Other</u>		<u>18282 MESA</u>
<u>Other</u>		<u>18285 VIEJO</u>
<u>Other</u>		<u>18294 OTTER</u>
<u>Other</u>		<u>18295 FOOTHILL</u>
<u>Other</u>		<u>18296 PRUNEDALE</u>
<u>Other</u>		<u>18297 PURISIMA</u>
<u>Other</u>		<u>18298 JOLON</u>
<u>Other</u>		<u>18301 MORRO_BAY</u>
<u>Other</u>		<u>18303 PALMER</u>
<u>Other</u>		<u>18304 BUELLTON</u>
<u>Other</u>		<u>18305 TEMPLETON</u>
<u>Other</u>		<u>18307 PERRY</u>
<u>Other</u>		<u>18310 CABRILLO</u>
<u>Other</u>		<u>25151 WISHON</u>
<u>Other</u>		<u>25209 CANAL</u>
<u>Other</u>		<u>25219 BEAR_VALLEY</u>
<u>Other</u>		<u>25226 LIVINGSTON</u>
<u>Other</u>		<u>25231 MENDOTA</u>
<u>Other</u>		<u>25242 DAIRYLAND</u>
<u>Other</u>		<u>25245 EL_NIDO</u>
<u>Other</u>		<u>25252 SAN_JOAQUIN_#2_PH</u>
<u>Other</u>		<u>25253 SAN_JOAQUIN_#3_PH</u>
<u>Other</u>		<u>25269 INDIAN_FLAT</u>
<u>Other</u>		<u>25276 MADERA</u>
<u>Other</u>		<u>25280 MERCED</u>
<u>Other</u>		<u>25281 MERCED_FALLS</u>
<u>Other</u>		<u>25340 HAMMONDS</u>
<u>Other</u>		<u>25347 FIREBAUGH</u>
<u>Other</u>		<u>25354 SANTA_RITA</u>
<u>Other</u>		<u>25361 ATWATER</u>
<u>Other</u>		<u>25388 EL_CAPITAN</u>
<u>Other</u>		<u>25398 EL_PECO</u>
<u>Other</u>		<u>25404 DOS_PALOS</u>
<u>Other</u>		<u>25405 SANTA_NELLA</u>
<u>Other</u>		<u>25410 CHOWCHILLA</u>
<u>Other</u>		<u>25427 CASSIDY</u>
<u>Other</u>		<u>25430 WILSON</u>
<u>Other</u>		<u>25431 ORTIGA</u>
<u>Other</u>		<u>25442 OAKHURST</u>
<u>Other</u>		<u>25443 COARSEGOLD</u>
<u>Other</u>		<u>25445 MARIPOSA</u>
<u>Other</u>		<u>25446 NEWHALL</u>
<u>Other</u>		<u>25461 STOREY</u>



**TABLE 1.1(b) (CONT'D)**

<b><u>Local Capacity Area</u></b>	<b><u>Substation_cd</u></b>	<b><u>Substation Description</u></b>
<u>Other</u>		<u>25464 WRIGHT</u>
<u>Other</u>		<u>25470 CRESSEY</u>
<u>Other</u>		<u>25490 GALLO</u>
<u>Other</u>		<u>25512 BORDEN</u>
<u>Other</u>		<u>25536 LE_GRAND</u>
<u>Other</u>		<u>25537 ORO_LOMA</u>
<u>Other</u>		<u>25539 BONITA</u>
<u>Other</u>		<u>25885 SO._CAL._EDISON_#2</u>
<u>Other</u>		<u>25886 SO._CAL._EDISON_#3</u>
<u>Sierra</u>		<u>15201 MARYSVILLE</u>
<u>Sierra</u>		<u>15203 GRASS_VALLEY</u>
<u>Sierra</u>		<u>15206 ROCKLIN</u>
<u>Sierra</u>		<u>15210 ALLEGHANY</u>
<u>Sierra</u>		<u>15211 BARRY</u>
<u>Sierra</u>		<u>15215 EAST_NICOLAUS</u>
<u>Sierra</u>		<u>15216 AUBURN</u>
<u>Sierra</u>		<u>15218 FORESTHILL</u>
<u>Sierra</u>		<u>15220 PIKE_CITY</u>
<u>Sierra</u>		<u>15224 HALSEY</u>
<u>Sierra</u>		<u>15225 SPAULDING</u>
<u>Sierra</u>		<u>15226 DIAMOND_SPRINGS</u>
<u>Sierra</u>		<u>15227 WISE</u>
<u>Sierra</u>		<u>15228 MOUNTAIN_QUARRIES</u>
<u>Sierra</u>		<u>15229 TAMARACK</u>
<u>Sierra</u>		<u>15230 BONNIE_NOOK</u>
<u>Sierra</u>		<u>15232 DRUM</u>
<u>Sierra</u>		<u>15233 EAST_MARYSVILLE</u>
<u>Sierra</u>		<u>15243 SHADY_GLEN</u>
<u>Sierra</u>		<u>15244 PLEASANT_GROVE</u>
<u>Sierra</u>		<u>15246 PLACER</u>
<u>Sierra</u>		<u>15247 COLUMBIA_HILL</u>
<u>Sierra</u>		<u>15248 BRUNSWICK</u>
<u>Sierra</u>		<u>15249 WEIMAR</u>
<u>Sierra</u>		<u>15253 FLINT</u>
<u>Sierra</u>		<u>15256 PENRYN</u>
<u>Sierra</u>		<u>15257 HORSESHOE</u>
<u>Sierra</u>		<u>15258 DEL_MAR</u>
<u>Sierra</u>		<u>15259 SUMMIT</u>
<u>Sierra</u>		<u>15269 HIGGINS</u>
<u>Sierra</u>		<u>15270 BELL</u>
<u>Sierra</u>		<u>15276 EL_DORADO_PH</u>
<u>Sierra</u>		<u>15281 WHEATLAND</u>
<u>Sierra</u>		<u>15285 HARTER</u>

**TABLE 1.1(b) (CONT'D)**

<b><u>Local Capacity Area</u></b>	<b><u>Substation_cd</u></b>	<b><u>Substation Description</u></b>
<u>Sierra</u>		<u>15290 OLIVEHURST</u>
<u>Sierra</u>		<u>15292 BROWNS_VALLEY</u>
<u>Sierra</u>		<u>15308 PLACERVILLE</u>
<u>Sierra</u>		<u>15313 NARROWS</u>
<u>Sierra</u>		<u>15361 CLARKSVILLE</u>
<u>Sierra</u>		<u>15365 SHINGLE_SPRINGS</u>
<u>Sierra</u>		<u>15366 APPLE_HILL</u>
<u>Sierra</u>		<u>15370 LINCOLN</u>
<u>Sierra</u>		<u>15371 TUDOR</u>
<u>Sierra</u>		<u>15373 PLUMAS</u>
<u>Sierra</u>		<u>15374 DOBBINS</u>
<u>Sierra</u>		<u>15375 PEASE</u>
<u>Sierra</u>		<u>15376 CATLETT</u>
<u>Sierra</u>		<u>15377 LIVE_OAK</u>
<u>Sierra</u>		<u>15378 BOGUE</u>
<u>Sierra</u>		<u>15379 SMARTVILLE</u>
<u>Sierra</u>		<u>15803 ECHO_SUMMIT</u>
<u>Stockton</u>		<u>16138 TIGER_CREEK</u>
<u>Stockton</u>		<u>16207 LINDEN</u>
<u>Stockton</u>		<u>16208 NEW_HOPE</u>
<u>Stockton</u>		<u>16209 MIDDLE_RIVER</u>
<u>Stockton</u>		<u>16211 LODI</u>
<u>Stockton</u>		<u>16216 ELECTRA</u>
<u>Stockton</u>		<u>16221 CALAVERAS_CEMENT</u>
<u>Stockton</u>		<u>16223 COLONY</u>
<u>Stockton</u>		<u>16230 MONARCH</u>
<u>Stockton</u>		<u>16237 STOCKTON_A</u>
<u>Stockton</u>		<u>16242 STAGG</u>
<u>Stockton</u>		<u>16247 BANTA</u>
<u>Stockton</u>		<u>16261 MANTECA</u>
<u>Stockton</u>		<u>16270 VIERRA</u>
<u>Stockton</u>		<u>16277 LAMMERS</u>
<u>Stockton</u>		<u>16282 STANISLAUS</u>
<u>Stockton</u>		<u>16288 TRACY</u>
<u>Stockton</u>		<u>16299 CORRAL</u>
<u>Stockton</u>		<u>16301 MARTELL</u>
<u>Stockton</u>		<u>16302 TERMINOUS</u>
<u>Stockton</u>		<u>16307 CHANNEL</u>
<u>Stockton</u>		<u>16308 ROUGH_AND_READY_ISL</u>
<u>Stockton</u>		<u>16309 CARBONA</u>
<u>Stockton</u>		<u>16312 COUNTRY_CLUB</u>
<u>Stockton</u>		<u>16313 EAST_STOCKTON</u>
<u>Stockton</u>		<u>16315 WATERLOO</u>

**TABLE 1.1(b) (CONT'D)**

<b><u>Local Capacity Area</u></b>	<b><u>Substation_cd</u></b>	<b><u>Substation Description</u></b>
<u>Stockton</u>		<u>16320 WEST_POINT</u>
<u>Stockton</u>		<u>16321 MORMON</u>
<u>Stockton</u>		<u>16322 STOCKTON_ACRES</u>
<u>Stockton</u>		<u>16323 NORTH_BRANCH</u>
<u>Stockton</u>		<u>16327 OAK_PARK</u>
<u>Stockton</u>		<u>16328 VICTOR</u>
<u>Stockton</u>		<u>16329 FRENCH_CAMP</u>
<u>Stockton</u>		<u>16330 HAMMER</u>
<u>Stockton</u>		<u>16331 HARDING</u>
<u>Stockton</u>		<u>16334 CLAY</u>
<u>Stockton</u>		<u>16345 FROGTOWN</u>
<u>Stockton</u>		<u>16348 WEBER</u>
<u>Stockton</u>		<u>16354 OLETA</u>
<u>Stockton</u>		<u>16356 ALPINE</u>
<u>Stockton</u>		<u>16357 AVENA</u>
<u>Stockton</u>		<u>16362 WEST_LANE</u>
<u>Stockton</u>		<u>16365 CHEROKEE</u>
<u>Stockton</u>		<u>16368 LOCKEFORD</u>
<u>Stockton</u>		<u>16369 SALT_SPRINGS</u>
<u>Stockton</u>		<u>16370 METTLER</u>
<u>Stockton</u>		<u>16372 MOSHER</u>
<u>Stockton</u>		<u>16374 HERDLYN</u>
<u>Stockton</u>		<u>16375 PINE_GROVE</u>
<u>Stockton</u>		<u>16380 RIPON</u>
<u>Stockton</u>		<u>16388 IONE</u>
<u>Stockton</u>		<u>16391 EIGHT_MILE</u>
<u>Stockton</u>		<u>16888 TOKAY</u>

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Format changed	0
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CPUC	Hanna & Morton	Seattle City Light
California Cotton Ginners & Growers Assn	In House Energy	Sempra Energy (Socal Gas)
California Energy Commission	International Power Technology	Sempra Utilities
California Public Utilities Commission	Intestate Gas Services, Inc.	SoCalGas
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Crossborder Energy	Morgan Stanley	Verizon
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Day Carter Murphy	NRG Solar	Wellhead Electric Company
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Dept of General Services	ORA	YEP Energy
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