



**REGULAR MEETING of the Board of Directors of the  
Clean Power Alliance of Southern California  
Thursday, April 2, 2020  
2:00 p.m.**

**Listen to the Board of Directors meeting (Audio Only):**

**Call: (866) 901-6455 Conference Code: 477-085-714**

**All Participants must press “#” to join the meeting.**

**SPECIAL NOTICE REGARDING PUBLIC COMMENT:** Pursuant to Paragraph 11 of Executive Order N-29-20, executed by the Governor of California on March 17, 2020, and as a response to mitigating the spread of Coronavirus known as COVID-19, the Board of Directors will allow members of the public to participate and address Board Members during the meeting via teleconference only. Below are the ways to participate:

- Members of the public are encouraged to submit written comments on any agenda item to [publiccomment@cleanpoweralliance.org](mailto:publiccomment@cleanpoweralliance.org) up to two (2) hours before the meeting.
- If you desire to provide public comment during the meeting, you must contact staff at (213) 269-5889 up to two (2) hours before the meeting.
  - You will be asked to provide a phone number to call you during the meeting. You will also be asked for your name (or other identifying information) similar to filling out a speaker card so that you can be called when it is your turn to speak.
  - You will be called during the comment section for the agenda item on which you wish to speak.
  - You may be put on hold until your name is called by CPA staff.
  - You will be able to speak to the Committee for the allotted amount of time. Please be advised that all public comments must comply with our Public Comment Policy.
  - Once you have spoken, or the allotted time has run out, the phone call will be discontinued.

*Meetings are accessible to people with disabilities. Individuals who need special assistance or a disability-related modification or accommodation to participate in this meeting, or who have a disability and wish to request an alternative format for the meeting materials, should contact the Clerk of the Board at least two (2) working days before the meeting at [gmonzon@cleanpoweralliance.org](mailto:gmonzon@cleanpoweralliance.org) or (213) 269-5870. Notification*

*in advance of the meeting will enable us to make reasonable arrangements to ensure accessibility to this meeting and the materials related to it.*

***PUBLIC COMMENT POLICY:*** *The General Public Comment item is reserved for persons wishing to address the Board on any Clean Power Alliance-related matters not on today's agenda. Public comments on matters on today's Consent Agenda and Regular Agenda shall be heard at the time the matter is called. Comments on items on the Consent Agenda are consolidated into one public comment period. As with all public comment, members of the public who wish to address the Board are requested to complete a speaker's slip and provide it to Clean Power Alliance staff at the beginning of the meeting but no later than immediately prior to the time an agenda item is called.*

*Each speaker is limited to two (2) minutes (in whole minute increments) per agenda item with a cumulative total of five 5 minutes to be allocated between the General Public Comment, the entire Consent Agenda, or individual items in the Regular Agenda. Please refer to Policy No. 8 – Public Comment for additional information.*

***In addition, members of the Public are encouraged to submit written comments on any agenda item to [PublicComment@cleanpoweralliance.org](mailto:PublicComment@cleanpoweralliance.org). To enable an opportunity for review, written comments should be submitted at least 72 hours but no later than 24 hours in advance of the noticed Board meeting date. Any written materials submitted thereafter will be distributed to the Board at the Board meeting. Any written submissions must specify the Agenda Item by number, otherwise they will be considered General Public Comment.***

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**I. CALL TO ORDER AND ROLL CALL**

**II. GENERAL PUBLIC COMMENT**

**III. CONSENT AGENDA**

1. Approve Minutes from March 5, 2020 Board of Directors Meeting
2. Adopt Support Position on AB 3014 for the 2019/2020 Legislative Session and Direct Staff to Communicate those Positions to the Governor, State Legislators, and Other Interested Stakeholders
3. Adopt Resolution No. 20-04-005 Authorizing Investment of Monies in the Local Agency Investment Fund (LAIF)
4. Receive and File Community Advisory Committee Monthly Report

**IV. REGULAR AGENDA**

5. Approve 15-Year Energy Storage Agreement (ESA) with Luna Storage, LLC and Authorize the Executive Director to Execute Agreement
6. Approve Amendment to FY 2019/2020 Budget

**V. ELECTION OF EXECUTIVE COMMITTEE AT-LARGE POSITIONS**

1. Elect Steve Zuckerman, City of Rolling Hills Estates, to the At-Large position representing Los Angeles County for the term April 2, 2020 to June 30, 2022.
2. Elect Deborah Klein Lopez, City of Agoura Hills, to the At-Large position representing Los Angeles County for the term April 2, 2020 to June 30, 2022.
3. Elect Carmen Ramirez, City of Oxnard, to the At-Large position representing Ventura County for the term April 2, 2020 to June 30, 2022.

**VI. MANAGEMENT UPDATE**

**VII. COMMITTEE CHAIR UPDATES**

Director Lindsey Horvath, Chair, Legislative & Regulatory Committee

Director Julian Gold, Chair, Finance Committee

Director Carmen Ramirez, Chair, Energy Planning & Resources Committee

**VIII. BOARD MEMBER COMMENTS**

**IX. REPORT FROM THE CHAIR**

**X. ADJOURN – NEXT REGULAR MEETING MAY 7, 2020**

*Public Records: Public records that relate to any item on the open session agenda for a regular Board Meeting are available for public inspection. Those records that are distributed less than 72 hours prior to the meeting are available for public inspection at the same time they are distributed to all, or a majority of, the members of the Board. Those documents are available for inspection online at [www.cleanpoweralliance.org](http://www.cleanpoweralliance.org).*

REGULAR MEETING of the Board of Directors of the  
Clean Power Alliance of Southern California  
Thursday, March 5, 2020, 2:00 p.m.

**MINUTES**

*Conference Center at Cathedral Plaza  
Conference Room 6  
555 W. Temple Street  
Los Angeles, CA 90012*

*Calabasas City Hall – Council Conference Room  
100 Civic Center Way, Calabasas, CA 91301*

*Ventura County Government Center  
Channel Islands Conference Room, 4th Floor Hall of Administration  
800 South Victoria Avenue, Ventura, CA 93009*

*Whittier City Hall – Admin Conference Room  
13230 Penn Street, Whittier, CA 90602*

**I. WELCOME AND ROLL CALL**

Chair Diana Mahmud called the meeting to order at 2:00 p.m. and Clerk of the Board Gabriela Monzon conducted roll call.

<b>Roll Call</b>				
1	<b>Agoura Hills</b>	Louis Celaya	Alternate	Remote
2	<b>Alhambra</b>	Jeff Maloney	Alternate	Present
3	<b>Arcadia</b>	Sho Tay	Director	Present
4	<b>Beverly Hills</b>	Julian Gold	Director	Present
5	<b>Calabasas</b>	John Bingham	Alternate	Remote
6	<b>Camarillo</b>	Susan Santangelo	Director	Remote
7	<b>Carson</b>	Reata Kulcsar	Alternate	Present
8	<b>Claremont</b>	Corey Calaycay	Director	Present
9	<b>Culver City</b>	Joe Susca	Alternate	Present
10	<b>Downey</b>	Sean Ashton	Director	Present
11	<b>Hawaiian Gardens</b>	Ramie Torres	Alternate	Remote
12	<b>Hawthorne</b>	Frank Feng	Alternate	Remote
13	<b>Los Angeles County</b>	Sheila Kuehl	<b>Vice-Chair</b>	Present
14	<b>Malibu</b>	Skylar Peak	Director	Present

15	<b>Manhattan Beach</b>	Nancy Hersman	Director	Present
16	<b>Moorpark</b>	Janice Parvin	Director	Remote
17	<b>Ojai</b>	Johnny Johnston	Director	Remote
18	<b>Oxnard</b>			Absent
19	<b>Paramount</b>	Adriana Figueroa	Alternate	Remote
20	<b>Redondo Beach</b>	Christian Horvath	Director	Present
21	<b>Rolling Hills Estates</b>	Steve Zuckerman	Director	Present
22	<b>Santa Monica</b>	David Pettit	Alternate	Present
23	<b>Sierra Madre</b>	John Capoccia	Director	Present
24	<b>Simi Valley</b>	Ruth Luevanos	Director	Remote
25	<b>South Pasadena</b>	Diana Mahmud	<b>Chair</b>	Present
26	<b>Temple City</b>			Absent
27	<b>Thousand Oaks</b>			Absent
28	<b>Ventura City</b>	Joe Yahner	Alternate	Remote
29	<b>Ventura County</b>			Absent
30	<b>West Hollywood</b>	Lindsey Horvath	Director	Present
31	<b>Westlake Village</b>	Kelly Honig	Director	Remote
32	<b>Whittier</b>	Vicki Smith	Alternate	Remote

**II. GENERAL PUBLIC COMMENT**  
 Harvey Eder provided general public comment.

- III. CONSENT AGENDA**
1. Approve Minutes from February 6, 2020 Board of Directors Meeting - Amended
  2. Appoint Gabriela Monzon as Board Secretary for Clean Power Alliance
  3. Approve Policy No. 14 – Investment Policy
  4. Approve Amendment to Financial Policy No. 1 – Credit Card Policy and Procedures - Amended
  5. Approve Rules of Decorum at Public Meetings and Policy No. 15 – Civility at Workplace Premises
  6. Receive and File Report from the February 20, 2020 Community Advisory Committee Meeting

No public comment was received on this item.

Motion: Director Calaycay, Claremont  
Second: Director Horvath, Redondo Beach  
Vote: Items 1 and 4 approved as amended and Items 2,3,5 and 6 approved as presented by a roll call vote.

#### IV. REGULAR AGENDA

##### 7. Presentation on Integrated Resource Plan (IRP)

Natasha Keefer, Director of Power Planning and Procurement, provided a presentation that included the following topics: background on the IRP proceeding, 2017/2018 IRP and reliability procurement requirements, 2019/2020 IRP, requirements, CPUC reference system plan, CPA's current long-term portfolio and modeling, the joint IRP process and schedule, and next steps.

Director Gold asked staff to clarify the impacts on cost and the ability of CPA to procure energy. Director Capoccia asked about the allocation of CPA demand for pump storage and the existence of a gap in short- and long-term procurement. Chair Mahmud asked staff about implications resulting from the 2017/18 IRP still outstanding at the CPUC and inquired about the level of detail in the submission.

Ms. Keefer highlighted CPA's work in presenting an IRP submission that is in conformance with the PUC's requirements reflective of the procurement CPA intends to do, which is why the planning cycle is a two-year process to reflect changes over time. Matthew Langer, Chief Operating Officer, added that although CPA's plan is required to meet certain constraints, it is acceptable to procure sources other than those specified in the plan. Ms. Keefer clarified that demand is not assigned or allocated, but a proper approach to building an IRP is to take CPA's percentage of its load and allocate that to member agencies' own plans, however, Siemens' modeling results may help to determine the inclusion of pump storage. Ted Bardacke, Executive Director, commented that pump storage could eventually be mandated in the legislature.

Chair Mahmud commented on an article in the Los Angeles Times that discussed the difficulties associated with constricting reservoirs for pump storage projects. Director Gold asked how pump storage projects can work to CPA's advantage.

Chair Mahmud responded that the availability of pump storage projects to provide energy is dependent upon a reservoir's ability to deliver water downstream and simultaneously meet various legal and environmental obligations of the agency that operates that reservoir. Mr. Langer added that pump storage projects are very site- and geography-specific, which is why those projects are rare and that costs can vary widely.

Director Skylar Peak, Malibu, arrived at or about 2:30 p.m.

Harvey Eder provided public comments.

8. Presentation on Resiliency and Public Safety Power Shutoff (PSPS)

CC Song, Director of Regulatory Affairs and Matthew Langer, Chief Operating Officer, provided an overview of regulatory matters, including the following topics: Regulatory Proceedings Related to Resiliency/PSPS; De-energization of Power Lines/Public Safety Power Shutoff; Microgrid and Resiliency Strategies; and an update on CPA's Resiliency Program.

Vice-Chair Kuehl asked if CPA, as a provider of electricity, can request information from SCE on factors determining PSPS decisions and urged the need for communities to understand the timing of notices, analysis of communities that lost power, and the duration of those power shut-offs. Director Peak added that his community was perplexed at the PSPS events taking place and encouraged CPA to help communities learn about the process. Director Lindsey Horvath agreed that this information would help member agencies incorporate resiliency and PSPS data into their emergency preparedness operations. Director Luevanos expressed concerns over the lack of notification in some areas of unincorporated Simi Valley and emphasized the necessity of the County and other agencies to communicate with one another for the benefit of the community during PSPS events.

Ms. Song indicated that the current PSPS proceeding includes proposed guidelines that require investor-owned utilities to be more transparent and to provide the public with access to data such as wind factors and system considerations. Mr. Langer added that CPA is interested in that information as it is vital to billing operations and can work directly with member jurisdictions to obtain such information from SCE.

Vice-Chair Kuehl indicated that the County of Los Angeles did receive a report from the Woolsey Fire Task Force about PSPS events and their role in preventing fires which provided further clarifications and deciding factors.

Alternate Director Ellison encouraged CPA staff to consider incentives or programs to encourage customers to purchase alternate options to fossil fuel-powered generators.

Mr. Bardacke noted the launch of CPA's solar and storage marketplace, which provides education and offers customers vetted solar and back up storage installer information. He added that SGIP, a financial incentive, is already in existence, but additional incentives can be explored in the future. Chair Mahmud added that CPA developed a resiliency program that agencies should seek to participate in and encouraged member agencies to reach out to SCE to learn about mitigation programs aimed at assisting cities in identifying power circuits subject to shutoff. Director Susca indicated that SCE assisted Culver City in identifying circuits as potentially wildfire-prone and this information was subsequently shared with the community to help in emergency preparation. Director Luevanos expressed interest in receiving regional maps for electric vehicle charging stations.

There were no public comments for this item.

**V. NOMINATION PERIOD FOR EXECUTIVE COMMITTEE AT LARGE POSITIONS AND NOTIFICATION OF COMMITTEE CHAIR APPOINTMENTS**

Chair Mahmud announced the following committee chair appointments:

- Legislative & Regulatory Committee: Director Lindsey Horvath, West Hollywood
- Finance Committee: Director Julian Gold, Beverly Hills
- Energy Planning & Resources Committee: Director Kevin McKeown, Santa Monica

Chair Mahmud then opened the nomination period for three at-large positions on the Executive Committee.

**VI. CLOSED SESSION**

1. CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION Potential initiation of litigation pursuant to paragraph (4) of subdivision (d) of Government Code Section 54956.9: (1)

Nancy Whang, General Counsel, reported that staff received direction from the Board of Directors.

**VII. MANAGEMENT UPDATE**

Ted Bardacke, Executive Director provided a brief report, emphasizing the CPA Power Response and Solar + Storage Marketplace, Net Energy Metering True-Up, and customer service.

In response to Director Santangelo's inquiry regarding communications to customers, Mr. Bardacke and Jennifer Ward, Director of External Affairs, noted that there are several tools to share with the member jurisdictions to assist in outreach to their communities.

**VIII. COMMITTEE CHAIR UPDATES**

Chair Gold noted CPA's excellent performance in the last month, reflected on the Financial Dashboard and encouraged others to review it.

Harvey Eder provided public comments.

**IX. BOARD MEMBER COMMENTS**

Vice Chair Kuehl invited other member agencies to share their experiences with Vote-by-Mail (VBM) ballots in their member jurisdictions. Discussion ensued amongst Board Members about the benefits and disadvantages of using VBMs.

Director Capoccia shared that Sierra Madre transitioned to 100% Green Power and thanked staff for their work in moving the transition forward.

**X. REPORT FROM THE CHAIR**

Chair Mahmud expressed her satisfaction with serving on the Executive Committee and encouraged others to consider serving on it and other committees.

**XI. ADJOURN – TO REGULAR MEETING ON APRIL 2, 2020**

Chair Mahmud adjourned the meeting.





## Staff Report – Item 2

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**To:** Clean Power Alliance (CPA) Board of Directors

**From:** Gina Goodhill, Policy Director

**Approved By:** Ted Bardacke, Executive Director

**Subject:** Support Position on AB 3014 (Muratsuchi) for the 2019/2020 Legislative Session

**Date:** April 2, 2020

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### **RECOMMENDATION**

Adopt a Support position on AB 3014 (Muratsuchi) in the 2019/2020 Legislative Session and direct staff to communicate that position to the Governor, State Legislators, and other interested stakeholders.

### **BACKGROUND**

AB 3014 (Muratsuchi) aims to update the statewide resource adequacy (RA) program to increase reliability. In recent years, the utility landscape has changed from a centralized model in which three investor owned utilities (IOUs) were responsible for procuring power and capacity, to a less centralized model in which various load-serving entities (LSEs) including CCAs and direct access (DA) providers also fulfil that role. The regulatory regime governing electricity reliability in the state, principally the rules and procedures for RA, has not yet adjusted to this new decentralized model. As a result, legislators have stepped in and proposed a variety of solutions to address real and perceived threats to reliability. Last year, CPA opposed AB 56 (E. Garcia), which proposed a central buyer for both RA and energy and directly threatened CPA's procurement autonomy. AB 3014 is a CCA-driven alternative to that bill, which could still resurface later in the year. AB 3014 also mirrors a settlement proposal at the CPUC to which CalCCA is a party but has preliminarily been rejected by an Administrative Law Judge in a Proposed Decision.

**BILL SUMMARY**

AB 3014 (Muratsuchi) modernizes the state's RA program to improve the reliability of California electric supply. Specifically, this bill creates the Central Reliability Authority (CRA), a non-profit public benefit corporation, to purchase residual RA needed to meet state energy supply requirements while still allowing (LSEs, such as CCAs, to maintain their procurement autonomy.

The bill would establish a three-year forward collective RA capacity procurement requirement for local, system, and flexible capacity for all LSEs commencing with the 2022 RA compliance year. While the RA requirements would continue to be determined by the CPUC, the CRA would oversee compliance in coordination with the California Energy Commission (CEC) and California Independent Systems Operator (CAISO).

CalCCA is sponsoring AB 3014 and this bill is its top legislative priority this year. The bill is important to CPA because, among other things, individual LSEs would continue to have the right to procure RA capacity to serve their load, rather than being forced to use the CRA, which would act as a backstop. It also aligns with CPA's 2020 Legislative and Regulatory Platform, specifically Principles 1a, 1b, and 1c related to local control, finance, and power procurement.

The bill provides a legislative alternative to the CPUC's March 26, 2020 Proposed Decision (Rulemaking 17-09-020) that rejects the CalCCA settlement proposal and relies on the IOUs to act as central buyers. That Proposed Decision reduces CCAs' ability to procure resources that serve local reliability, economic, and environmental needs, and will likely introduce market instability and increase costs for ratepayers.

**PROCESS**

CPA cancelled its March 25 Legislative & Regulatory Committee meeting in order to use the allotted time for the Special Board of Directors meeting to discuss changing protocols in response to Covid-19. However, AB 3014 (Muratsuchi) relates closely to CPA's core business and is an even higher priority now that an unfavorable Proposed Decision on

RA has been issued by the CPUC. Therefore staff, with the support of the Legislative & Regulatory Committee Chair, is bringing this bill to the Board for consideration.



### Staff Report – Agenda Item 3

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**To:** Clean Power Alliance (CPA) Board of Directors

**From:** David McNeil, Chief Financial Officer

**Approved by:** Ted Bardacke, Executive Director

**Subject:** Adopt Resolution No. 20-04-005 Authorizing and Approving Investment of Monies in the Local Agency Investment Fund

**Date:** April 2, 2020

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#### **RECOMMENDATION**

Adopt Resolution No. 20-04-005 Authorizing and Approving Investment of Monies in the Local Agency Investment Fund (“LAIF”).

#### **BACKGROUND**

On March 5, 2020, the Board of Directors approved Policy No. 14 – Investment Policy (“Investment Policy”). The Investment Policy outlines CPA’s investment objectives, defines a standard of care consistent with California Government Code Sec. 53600, delegates authority to manage CPA Investments to the Treasurer, defines acceptable investment types, and requires an annual review of the Investment Policy by the Treasurer. The Investment Policy permits investments of CPA funds in LAIF managed by the California State Treasurer.

#### **DISCUSSION**

LAIF offers local agencies, like CPA, the opportunity to participate in an investment portfolio that uses the investment expertise of the State Treasurer's Office’s professional investment staff at no additional cost. LAIF currently has 2,368 participants and \$28.7 billion in assets under management at the end of February 2020. Staff views investments in LAIF as a safe and efficient means to invest cash not needed for day to day operations. More information about the LAIF program appears in Attachment 2.

The California State Treasurer requires a Resolution adopted by CPA's Board of Directors in order for CPA to deposit Funds in LAIF and therefore, the Resolution in Attachment 1 is being presented to the Board for adoption.

- Attachments:**
- 1) Resolution No. 20-04-005 Authorizing and Approving Investment of Monies in the Local Agency Investment Fund
  - 2) Information on LAIF Program

**RESOLUTION NO. 20-04-005****RESOLUTION OF THE BOARD OF DIRECTORS OF CLEAN POWER ALLIANCE OF SOUTHERN CALIFORNIA (CLEAN POWER ALLIANCE) AUTHORIZING AND APPROVING INVESTMENT OF MONIES IN THE LOCAL AGENCY INVESTMENT FUND****THE BOARD OF DIRECTORS OF CLEAN POWER ALLIANCE OF SOUTHERN CALIFORNIA HEREBY RESOLVES AS FOLLOWS:**

**WHEREAS**, Clean Power Alliance of Southern California (formerly known as Los Angeles Community Choice Energy Authority) (“Clean Power Alliance”) was formed on June 27, 2017 under the provisions of the Joint Exercise Powers Act of the State of California, Government Code section 6500 *et seq.*;

**WHEREAS**, Clean Power Alliance is duly organized, validly existing, and in good standing under and by virtue of the laws of the State of California, is duly authorized to transact business, having obtained all necessary filings, governmental licenses and approvals in the State of California, and has the full power and authority to own its properties and to transact the business in which it is presently engaged or presently proposes to engage;

**WHEREAS**, Clean Power Alliance has the full power and authority to transact the business in which it is presently engaged;

**WHEREAS**, Clean Power Alliance currently maintains an office at 555 West 5th Street, 35th Floor, Los Angeles, California 90013, and a business phone number: (213) 269-5877 and intends to move into its permanent office location at 801 S. Grand, Suite 400, Los Angeles, California in July 1, 2020 or soon thereafter;

**WHEREAS**, the Local Agency Investment Fund (LAIF) is established in the State Treasury under Government Code section 16429.1 *et. seq.* for the deposit of money of a local agency for purposes of investment by the California State Treasurer;

**WHEREAS**, on March 5, 2020, the Board of Directors of the Clean Power Alliance (Board) approved an Investment Policy, No. 14 (Investment Policy);

**WHEREAS**, the Investment Policy identified the types of acceptable investments and LAIF was identified as an acceptable fund;

**WHEREAS**, the California State Treasurer requires a Resolution in order for CPA to begin its investment in LAIF, and,

**WHEREAS**, the Board finds that the deposit and withdrawal of money in LAIF in accordance with Government Code section 16429.1 *et. seq.* for the purpose of investment as provided therein is in the best interests of Clean Power Alliance.

**NOW, THEREFORE, BE IT DETERMINED, ORDERED, AND RESOLVED, BY THE BOARD OF DIRECTORS OF THE CLEAN POWER ALLIANCE OF SOUTHERN CALIFORNIA THAT:**

1. That the Board of Directors hereby authorizes the deposit and withdrawal of monies in the Local Agency Investment Fund in the State Treasury in accordance with Government Code section 16429.1 et. seq. for the purpose of investment as provided therein.
2. That the following named individuals are the authorized representatives of Clean Power Alliance with titles (collectively referred to as “Authorized Representatives” and individually referred to as “Authorized Representative”) holding the title(s) specified herein below or their successors in office are each hereby authorized to order the deposit or withdrawal of monies in the LAIF and may execute and deliver any and all documents necessary or advisable in order to effectuate the purposes of this resolution and the transactions contemplated hereby:

**NAMES****TITLES****Ted Bardacke****Executive Director**\_\_\_\_\_  
[Signature]**Diana Mahmud****Chair of the Board**\_\_\_\_\_  
[Signature]**David McNeil****Chief Financial Officer**\_\_\_\_\_  
[Signature]**Nancy Whang****General Counsel**\_\_\_\_\_  
[Signature]

3. That this Resolution shall take effect upon its passage and shall remain in full force and effect until rescinded by the Board of Directors by resolution and a copy of the resolution rescinding this resolution is filed with the State Treasurer's Office.

**ADOPTED AND APPROVED** this \_\_\_\_ day of April 2020.

By: \_\_\_\_\_  
Diana Mahmud, Chair

**ATTEST:**

\_\_\_\_\_  
Gabriela Monzon, Secretary



# Local Agency Investment Fund (LAIF) Program Description

The Local Agency Investment Fund (LAIF), a voluntary program created by statute, began in 1977 as an investment alternative for California's local governments and special districts and it continues today under Treasurer Fiona Ma's administration. The enabling legislation for the LAIF is Section 16429.1 et seq. of the California Government Code.

This program offers local agencies the opportunity to participate in a major portfolio, which invests hundreds of millions of dollars, using the investment expertise of the State Treasurer's Office professional investment staff at no additional cost to the taxpayer.

The LAIF is part of the Pooled Money Investment Account (PMIA). The PMIA began in 1955 and oversight is provided by the Pooled Money Investment Board (PMIB) and an in-house Investment Committee. The PMIB members are the State Treasurer, Director of Finance, and State Controller.

The Local Investment Advisory Board (LIAB) provides oversight for LAIF. The Board consists of five members as designated by statute. The State Treasurer, as Chair, or her designated representative, appoints two members qualified by training and experience in the field of investment or finance, and two members who are treasurers, finance or fiscal officers or business managers employed by any county, city or local district or municipal corporation of this state. The term of each appointment is two years or at the pleasure of the Treasurer.

All securities are purchased under the authority of Government Code Section 16430 and 16480.4. The State Treasurer's Office takes delivery of all securities purchased on a delivery versus payment basis using a third-party custodian. All investments are purchased at market and a market valuation is conducted monthly.

Additionally, the PMIA has Policies, Goals and Objectives for the portfolio to make certain that our goals of Safety, Liquidity and Yield are not jeopardized, and that prudent management prevails. These policies are formulated by Investment Division staff and reviewed by both the PMIB and the LIAB on an annual basis.

The State Treasurer's Office is audited by the Bureau of State Audits on an annual basis and the resulting opinion is posted to the State Treasurer's Office website following its publication. The Bureau of State Audits also has a continuing audit process throughout the year. All investments and LAIF claims are audited on a daily basis by the State Controller's Office as well as an internal audit process.

Under Federal Law, the State of California cannot declare bankruptcy, thereby allowing the Government Code Section 16429.3 to stand. This Section states that "moneys placed with the Treasurer for deposit in the LAIF by cities, counties, special districts, nonprofit corporations, or qualified quasi-governmental agencies shall not be subject to either of the following: (a) transfer or loan pursuant to Sections 16310, 16312, or 16313, or (b) impoundment or seizure by any state official or state agency."

During the 2002 legislative session, California Government Code Section 16429.4 was added to the LAIF's enabling legislation. This Section states that "the right of a city, county, city and county, special district, nonprofit corporation, or qualified quasi-governmental agency to withdraw its deposited moneys from the LAIF, upon demand, may not be altered, impaired, or denied in any way, by any state official or state agency based upon the state's failure to adopt a State Budget by July 1 of each new fiscal year."

The LAIF has grown from 293 participants and \$468 million in 1977 to 2,368 participants and \$28.7 billion at the end of February 2020.

Source: <https://www.treasurer.ca.gov/pmia-laif/laif/program.asp>



## Staff Report – Agenda Item 4

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**To:** Clean Power Alliance (CPA) Board of Directors  
**From:** Christian Cruz, Community Outreach Manager  
**Approved By:** Ted Bardacke, Executive Director  
**Subject:** Community Advisory Committee (CAC) March 2020 Report  
**Date:** April 2, 2020

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### **RECOMMENDATION**

Receive and file the March 2020 report from the Community Advisory Committee (CAC).

### **MARCH MEETING SUMMARY**

#### **CPA Operational Update**

The CAC held its' monthly meeting on March 19, 2020. Ted Bardacke, Executive Director, provided an oral update on CPA operations, highlighting information on the CPA response to the COVID-19 pandemic. Staff noted that CPA's energy suppliers have been in contact and have indicated they can continue to meet their obligations, as stipulated in their contracts and at this time it is not anticipated that there will not be any energy supply chain disruptions. Additionally, CPA staff shared with the CAC the various customer protections SCE and CPA have implemented in response to COVID-19. SCE has suspended all disconnections for non-payment by customers who have been financially impacted by the COVID-19 crisis, and SCE and CPA are offering enhanced payment plans for those impacted customers.

#### **Local Programs Strategic Plan Update**

Staff provided a detailed update on the Local Programs Strategic Plan process and collected additional input from the CAC on the results of the planning process that CPA has conducted in partnership with its consultants ARUP and Cadmus. These outcomes

and final details on the Local Programs Strategic Plan will be presented to the Board for consideration at a future meeting, and are summarized at a high level below:

- The Plan reviews 3 broad program categories:
  - Resiliency and Grid Management
  - Electrification
  - Local Energy Procurement
- The Plan reviews 7 initial program concepts within those categories:
  - Clean Backup Power for Essential Facilities
  - Publicly Accessible Electric Vehicle Charging Infrastructure
  - Customer Partnerships to Use Energy Storage for Demand Response and Resource Adequacy
  - Technical Assistance and Funding for Codes that Advance Building and Vehicle Electrification
  - Community Solar
  - 100% Green Rate Bill Discounts
  - Bill Credits for Behavior-Based Demand Response.
- The Plan discusses endorsement of implementation models and amplification methods for those local programs
- The Plan discusses ratification of a local procurement goal

Additionally, the technical planning process led by ARUP and Cadmus was informed by several parallel CPA activities, including planning and implementation work for the CPA Power Response program, the 2019 Peak Management Program pilot, engagement with the CALeVIP EV charger incentive program, and the pending funding application before the CPUC for CPA's Community Solar/100% Green Discount program.

During the discussion, the CAC commented that they were pleased with the work staff and the consultant team had done in incorporating the CAC's prior feedback on program categories and concepts to ensure that CPA clearly communicates how diverse customer segments will benefit from the proposed programs.

**Attachment:** 1) CAC Meeting Attendance

Community Advisory Committee Attendance										
2020										
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct
<b>East Ventura/West LA County</b>										
Angus Simmons (Vice Chair)	✓	A	✓							
Vacant										
Lilian Mendoza	✓	A	✓							
<b>San Gabriel Valley</b>										
Richard Tom	✓	✓	✓							
Robert Parkhurst (Vice Chair)	✓	✓	✓							
<b>West/Unincorporated Ventura County</b>										
Lucas Zucker	A	✓	✓							
Steven Nash	✓	✓	✓							
<b>South Bay</b>										
David Lesser	✓	✓	✓							
Emmitt Hayes	✓	✓	✓							
<b>Gateway Cities</b>										
Jaime Abrego	✓	✓	✓							
Vacant										
<b>Westside</b>										
Cris Gutierrez	A	✓	✓							
David Haake (Chair)	✓	A	✓							
<b>Unincorporated LA County</b>										
Neil Fromer	✓	✓	A							
Kristie Hernandez	A	✓	✓							

**Major Action Items and Presentations**

***January***

- Executive Director Update
- GHG Free Procurement Goals and Resources

***February***

- Integrated Resources Plan Update
- CBO Grant Update

***March***

- CPA operations update
- Local Programs Strategic Plan Update



## Staff Report – Agenda Item 5

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**To:** Clean Power Alliance (CPA) Board of Directors  
**From:** Natasha Keefer, Director of Power Planning & Procurement  
**Approved By:** Ted Bardacke, Executive Director  
**Subject:** Luna Storage Energy Storage Agreement (ESA)  
**Date:** April 2, 2020

---

### **RECOMMENDATION**

Approve a 15-year Energy Storage Agreement (ESA) with Luna Storage, LLC (“Luna Storage”) and authorize the Executive Director to execute the Luna Storage ESA.

### **BACKGROUND**

In October 2019, CPA launched its 2019 Reliability Request for Offers (RFO) to comply with its incremental capacity procurement obligations in the CPUC Integrated Resource Plan Procurement Track<sup>1</sup>. CPA received a robust response to the RFO from 41 standalone storage projects. On December 18, 2019, the Energy Planning & Resources Committee approved a shortlist of projects that were recommended by a team of reviewers, consisting of three Board members from the Energy Committee and senior CPA staff, to proceed with ESA negotiations. These review team members evaluated confidential terms and conditions, including pricing.

From the Energy Committee approved shortlist, CPA entered exclusive negotiations with four developers for six standalone storage projects for contracts of 15 years in length or longer. Per CPA’s Energy Risk Management Policy, any power purchase transactions greater than 5 years require approval by the Board.

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<sup>1</sup> Under D.19-11-016, the CPUC orders CPA to procure, on a cumulative basis, 98.4 MW by 8/1/2021, 147.7 MW by 8/1/2022, and 196.9 MW by 8/1/2023.

The projects selected in the 2019 Reliability RFO will enable CPA to contribute to statewide grid reliability with fossil-free resources, meet its regulatory obligations, and integrate its future portfolio of intermittent renewable energy resources. The projects, all of which are located in Southern California and subject to high workforce development standards, also will deliver on CPA's mission of further decarbonizing California's electricity grid while reinvesting in the local economy.

## **LUNA STORAGE PROJECT OVERVIEW**

### **Project Description**

Luna Storage is a 100 MW / 400 MWh lithium-ion battery storage facility located in Los Angeles County with a commercial operation date (COD) of July 31, 2021. The project's interconnection agreement is executed, and the project will have Full Capacity Deliverability Status (FCDS), meaning it will provide resource adequacy attributes to CPA in addition to energy benefits.

The project is located in the City of Lancaster adjacent to the Antelope Valley Substation in the BigCreek-Ventura local resource adequacy area. The area is a significant area for renewable energy infrastructure, and this substation is surrounded by existing solar facilities to the west, and substation and transmission infrastructure on the north, east and south (see map in Exhibit A).

### **Developer**

sPower is an experienced renewable energy and storage developer and is currently operating 1.2 GW of capacity within the California market. sPower's finance team has raised over \$4.5 billion in committed capital (tax equity, construction debt, and permanent debt) since 2014. sPower has a strong balance sheet with assets of over \$2.5 billion. sPower has significant local experience and has constructed over 30 projects in Los Angeles County, totaling nearly 1,000 MW. sPower has been actively growing into the storage market, with over 4,000 MW of storage in its development pipeline around the U.S. sPower has signed 505 MW of renewable energy and storage projects to date with California CCAs.

### **Key Contract Terms**

- Structure - The contract is structured as an energy tolling agreement, whereby CPA pays a fixed-price monthly fee with no escalation, adjusted for facility performance and availability, for the full output of the project for the full term of the contract. CPA is entitled to all product attributes from the facility, including energy, ancillary services, and resource adequacy.
- Workforce Development – sPower has committed to ensuring that work performed on the construction of the project will be conducted using a Project Labor Agreement (PLA).
- Performance Security – sPower is required to post development security in the amount of \$90/kW of guaranteed capacity within 30 days of the contract effective date. Once the project is online, sPower is required to maintain \$90/kW of installed capacity for performance security for the duration of the delivery term.

### **EVALUATION CRITERIA**

CPA ranks projects for economic value based on the net present value (NPV) to CPA and on a High, Medium, Neutral, and Low scale in five other evaluation criteria categories (Development Risk, Workforce Development, Environmental Stewardship, Benefits to Disadvantaged Communities, and Project Location). Below is the ranking assigned to this project in each of those categories.

#### **Value**

The value for this offer falls within the top half of offer submissions ranked on value in the 2019 Reliability RFO. The project is expected to be NPV positive to CPA (i.e., CPA will earn more revenue from this project than it will cost CPA over the life of the project).

#### **Development Risk Score**

The project ranks High as it is in late-stage development and highly de-risked. The project site is on land owned by the developer, the project's interconnection agreement is already executed, and major permits have been approved. In December 2017, a Conditional Use Permit (CUP) for energy storage and interconnection facilities was unanimously approved

by the Lancaster City Council and sPower is currently amending the CUP with final site plans. The project will be funded with a mix of sPower equity and third-party debt.

### **Workforce Development**

The project ranks High as sPower has committed to ensuring that work performed on the construction of the project will be conducted using a PLA, including jobs for local labor unions, and has been endorsed by several trade unions. The developer anticipates that the project will create approximately 50 jobs during the construction phase and 1 permanent job during the operations phase.

### **Environmental Stewardship**

The project ranks Medium as the 5-acre project footprint is located outside of Sensitive Ecological Areas (SEAs) and special status species, federal and state waters, and cultural resources are all absent from the proposed project location. sPower has completed multiple environmental studies and received reports for Biological, Cultural, and Erosion Plan studies as well as an environmental site assessment (ESA) phase 1 study. The outcome of these studies revealed no wetland issues, Recognized Environmental Conditions, Controlled Recognized Environmental Conditions, or species habitat issues.

### **Benefits to Disadvantaged Communities**

The project ranks Medium as it is located near a Los Angeles County Disadvantaged Community (DAC) and will provide workforce opportunities and community benefits to this region. Specifically, sPower engages in training and hiring programs with local labor affiliates to ensure workforce opportunities to disadvantaged and nearby communities.

### **Project Location**

The project ranks High as it is located within Los Angeles County. Additionally, it will provide new resources for the capacity constrained Big Creek-Ventura local area.



**PROCESS**

On December 9, 2019, a review team consisting of three Board members from the Energy Committee as well as senior staff consisting of the Executive Director, Chief Operating Officer, and Director of Power Planning and Procurement met to analyze the submitted projects. This team selected a shortlist of projects to be recommended to the Energy Committee. On December 18, 2019, the Energy Committee reviewed and authorized the recommended shortlist.

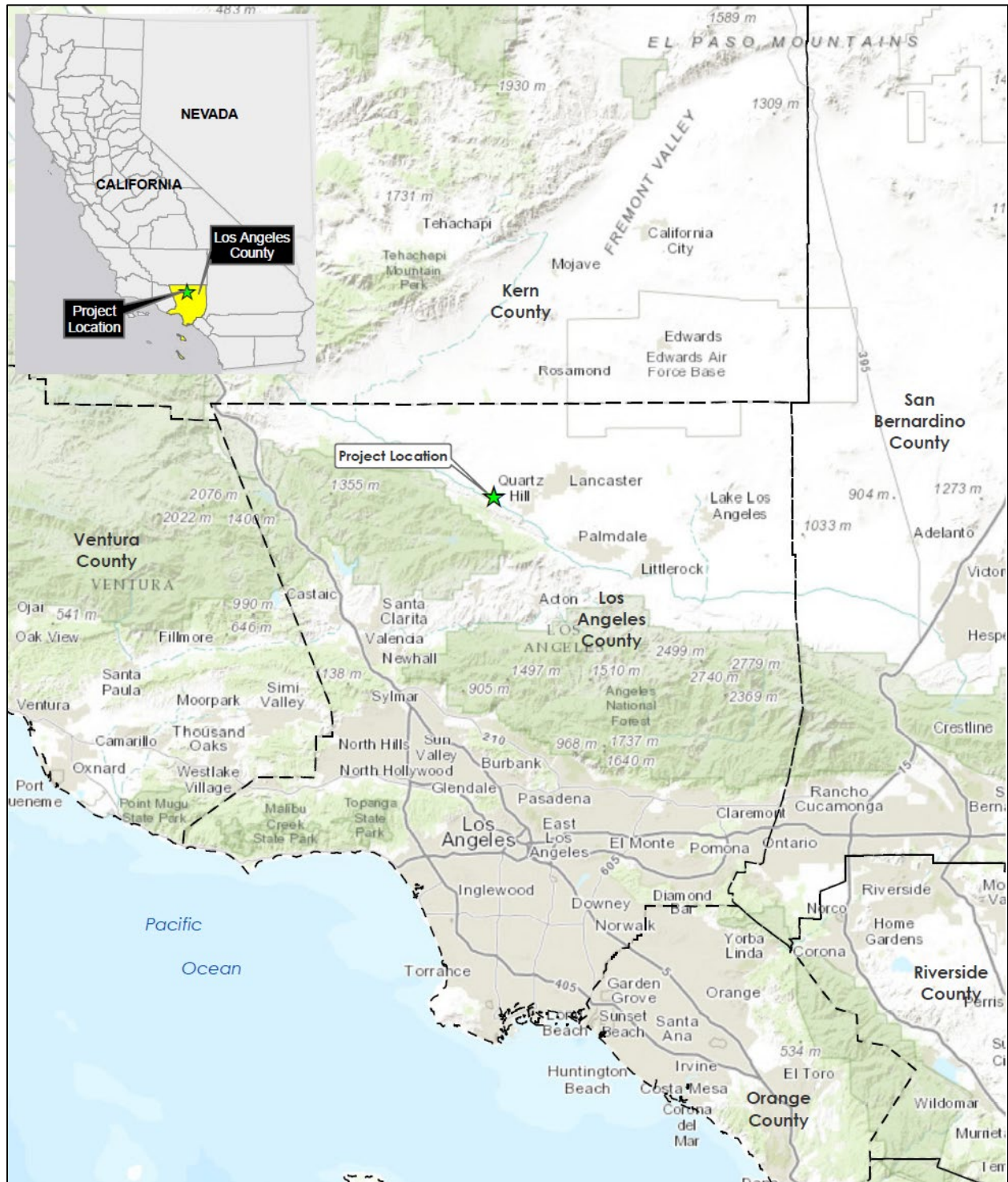
CPA retained Todd Larsen with Clean Energy Counsel to represent CPA and its interests in the negotiation of this PPA. Mr. Larsen's work was overseen by the General Counsel. Staff provided a summary of the project to the Executive Committee on March 18, 2020 as a part of the monthly Board Agenda review.

**Attachment:**           1) Luna Storage, LLC Energy Storage Agreement<sup>2</sup>

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<sup>2</sup> Consistent with industry practice, portions of the ESA have been redacted to protect market sensitive information.

Exhibit A



## ENERGY STORAGE AGREEMENT

### COVER SHEET

**Seller:** Luna Storage, LLC, a Delaware limited liability company.

**Buyer:** Clean Power Alliance of Southern California, a California joint powers authority

**Description of Facility:** a 100 MW/400 MWh battery energy storage facility, as further described herein

**Guaranteed Commercial Operation Date:** July 31, 2021

**Milestones:**

Milestone	Expected Date for Completion
<b>Evidence of Site Control</b>	Complete
<b>Documentation of Conditional Use Permit if required: CEQA [ ] Cat Ex, [ ]Neg Dec, [ ]Mitigated Neg Dec, [x]EIR</b>	August 1, 2020
<b>Seller's receipt of Phase I and Phase II Interconnection study results for Seller's Interconnection Facilities</b>	Complete
<b>Executed Interconnection Agreement</b>	Complete
<b>Financial Close</b>	██████████
<b>Expected Construction Start Date</b>	██████████
<b>Initial Synchronization</b>	June 1, 2021
<b>Network Upgrades completed (evidenced by delivery of permission to parallel letter from the Transmission Provider)</b>	July 1, 2021
<b>Expected Commercial Operation Date</b>	July 31, 2021

**Delivery Term:** Fifteen (15) Contract Years

**Guaranteed Capacity:** 100 MW at four (4) hours of continuous discharge

**Guaranteed Efficiency Rate:**

<b>Contract Year</b>	<b>Guaranteed Efficiency Rate</b>
1	██████████
2	██████████
3	██████████
4	██████████
5	██████████
6	██████████
7	██████████
8	██████████
9	██████████
10	██████████
11	██████████
12	██████████
13	██████████
14	██████████
15	██████████

**Contract Price:**

<b>Contract Year</b>	<b>Contract Price</b>
1 – 15	\$██████████ (flat) with no escalation

**Product:**

- Facility Energy
- Installed Capacity and Effective Capacity
- Ancillary Services
- Capacity Attributes (select options below as applicable)
  - Energy Only Status
  - Full Capacity Deliverability Status
    - a) RA Guarantee Date: Commercial Operation Date

**Scheduling Coordinator:** Buyer

**Security and Guarantor**

Development Security: \$90/kW of Guaranteed Capacity

Performance Security: \$90/kW of Installed Capacity

Guarantor: N/A as of Effective Date

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**Exhibits:**

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Exhibit B	Facility Construction and Commercial Operation
Exhibit C	Compensation
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Exhibit E	Progress Reporting Form
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Exhibit T	Form of Daily Availability Notice

## ENERGY STORAGE AGREEMENT

This Energy Storage Agreement (“**Agreement**”) is entered into as of \_\_\_\_\_ (the “**Effective Date**”), between Buyer and Seller. Buyer and Seller are sometimes referred to herein individually as a “**Party**” and jointly as the “**Parties**.” All capitalized terms used in this Agreement are used with the meanings ascribed to them in Article 1 to this Agreement.

### RECITALS

WHEREAS, Seller intends to develop, design, construct, own, and operate the Facility;  
and

WHEREAS, Seller desires to sell, and Buyer desires to purchase, on the terms and conditions set forth in this Agreement, the Product;

NOW THEREFORE, in consideration of the mutual covenants and agreements herein contained, and for other good and valuable consideration, the sufficiency and adequacy of which are hereby acknowledged, the Parties agree to the following:

### ARTICLE 1 DEFINITIONS

1.1 **Contract Definitions.** The following terms, when used herein with initial capitalization, shall have the meanings set forth below:

“**AC**” means alternating current.

“**Accepted Compliance Costs**” has the meaning set forth in Section 3.6.

“**ADS**” means CAISO’s Automated Dispatch System, as defined in the CAISO Tariff.

“**Affiliate**” means, with respect to any Person, each Person that directly or indirectly controls, is controlled by, or is under common control with such designated Person. For purposes of this definition and the definition of “Permitted Transferee”, “control” (including, with correlative meanings, the terms “controlled by” and “under common control with”), as used with respect to any Person, shall mean (a) the direct or indirect right to cast at least fifty percent (50%) of the votes exercisable at an annual general meeting (or its equivalent) of such Person or, if there are no such rights, ownership of at least fifty percent (50%) of the equity or other ownership interest in such Person, or (b) the right to direct the policies or operations of such Person.

“**Agreement**” has the meaning set forth in the Preamble and includes any Exhibits, schedules and any written supplements hereto, the Cover Sheet, and any designated collateral, credit support or similar arrangement between the Parties.

“**Ancillary Services**” means spinning, non-spinning, regulation up, regulation down, black start, voltage support, and any other ancillary services, in each case as defined in the CAISO Tariff

from time to time that the Facility is at the relevant time actually physically capable of providing consistent with the Operating Restrictions set forth in Exhibit Q. For clarity, and subject to the second sentence of Section 3.4, Ancillary Services as used herein does not include any ancillary services that the Facility is not actually physically capable of providing consistent with the Operating Restrictions set forth in Exhibit Q.

“**Associated Ancillary Services Energy**” means the Energy expressed in MWh expressly associated with the Ancillary Services made available from the Facility at the instruction of the CAISO.

“**Automatic Generation Control**” or “**AGC**” has the meaning given to it in the CAISO Tariff.

“**Availability Notice**” has the meaning set forth in Section 4.10.

“**Availability Standards**” has the meaning set forth in the CAISO Tariff or such other similar term as modified and approved by FERC hereafter to be incorporated in the CAISO Tariff.

“**Available Capacity**” means the capacity of the Facility, expressed in whole MWs, that is mechanically available to charge and discharge Energy and provide Ancillary Services.

“**Bankrupt**” means with respect to any entity, such entity that (a) files a petition or otherwise commences, authorizes or acquiesces in the commencement of a proceeding or cause of action under any bankruptcy, insolvency, reorganization or similar Law, (b) has any such petition filed or commenced against it which remains unstayed or undismissed for a period of ninety (90) days, (c) makes an assignment or any general arrangement for the benefit of creditors, (d) otherwise becomes bankrupt or insolvent (however evidenced), (e) has a liquidator, administrator, receiver, trustee, conservator or similar official appointed with respect to it or any substantial portion of its property or assets, or (f) is generally unable to pay its debts as they fall due.

“**Business Day**” means any day except a Saturday, Sunday, or a Federal Reserve Bank holiday in California. A Business Day begins at 8:00 a.m. and ends at 5:00 p.m. local time for the Party sending a Notice, or payment, or performing a specified action.

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

“**Buyer Default**” means an Event of Default of Buyer.

“**Buyer Dispatch**” means any dispatch of the Facility by Buyer pursuant to a Dispatch Notice.

“**Buyer Dispatched Test**” has the meaning in Section 4.4(c).

“**Buyer’s Indemnified Parties**” has the meaning set forth in Section 18.2.

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

**“CAISO Certification”** means the certification and testing requirements for a storage unit set forth in the CAISO Tariff that are applicable to the Facility, including certification and testing (to the extent applicable) for all Ancillary Services, PMAX, and PMIN associated with such storage units.

**“CAISO Grid”** has the same meaning as “CAISO Controlled Grid” as defined in the CAISO Tariff.

**“CAISO Operating Order”** means the “operating order” defined in Section 37.2.1.1 of the CAISO Tariff.

**“CAISO Tariff”** means the California Independent System Operator Corporation Open Access Transmission Tariff, Business Practice Manuals (BPMs), and Operating Procedures, including the rules, protocols, procedures and standards attached thereto, as the same may be amended or modified from time-to-time and approved by FERC.

**“Capacity Attribute”** means any current or future defined characteristic, certificate, tag, credit, or accounting construct associated with the amount of power that the Facility can charge, discharge and deliver to the Delivery Point at a particular moment and that can be purchased and sold under CAISO market rules, including Resource Adequacy Benefits.

**“Capacity Availability Payment True-up”** has the meaning set forth in Exhibit C.

**“Capacity Availability Payment True-Up Amount”** has the meaning set forth in Exhibit C.

**“Capacity Damages”** has the meaning set forth in Section 5 of Exhibit B.

**“Capacity Payment(s)”** has the meaning set forth in Exhibit C.

**“Capacity Test”** means any test or retest of the Facility to establish the Installed Capacity, Effective Capacity and/or Efficiency Rate conducted in accordance with the testing procedures, requirements and protocols set forth in Section 4.4 and Exhibit O.

**“Change of Control”** means, except in connection with public market transactions of equity interests or capital stock of Seller’s Ultimate Parent, any circumstance in which Ultimate Parent ceases to own, directly or indirectly through one or more intermediate entities, more than fifty percent (50%) of the outstanding equity interests in Seller; provided that in calculating ownership percentages for all purposes of the foregoing:

(a) any ownership interest in Seller held by Ultimate Parent indirectly through one or more intermediate entities shall not be counted towards Ultimate Parent’s ownership interest in Seller unless Ultimate Parent directly or indirectly owns more than fifty percent (50%) of the outstanding equity interests in each such intermediate entity; and

(b) ownership interests in Seller owned directly or indirectly by any Lender (including any tax equity provider) shall be excluded from the total outstanding equity interests in Seller.

“**Charging Energy**” means the Energy delivered to the Facility pursuant to a Charging Notice. All Charging Energy shall be used solely to charge the Facility.

“**Charging Notice**” means the operating instruction, and any subsequent updates, given by Buyer to Seller, directing the Facility to charge at a specific MW rate to a specified Stored Energy Level, provided that any such operating instruction shall be in accordance with the Operating Restrictions. Any Buyer Dispatched Test shall be considered a Charging Notice.

“**COD Certificate**” has the meaning set forth in Exhibit B.

“**Commercial Operation**” has the meaning set forth in Exhibit B.

“**Commercial Operation Capacity Test**” means the Capacity Test conducted in connection with Commercial Operation of the Facility, including any additional Capacity Test for additional capacity installed after the Commercial Operation Date pursuant to Section 5 of Exhibit B.

“**Commercial Operation Date**” has the meaning set forth in Exhibit B.

“**Commercial Operation Delay Damages**” means an amount equal to (a) the Development Security amount required hereunder, divided by (b) ninety (90).

“**Confidential Information**” has the meaning set forth in Section 18.1.

“**Construction Start**” has the meaning set forth in Exhibit B.

“**Construction Start Date**” has the meaning set forth in Exhibit B.

“**Contract Price**” has the meaning set forth on the Cover Sheet.

“**Contract Term**” has the meaning set forth in Section 2.1.

“**Contract Year**” means a period of twelve (12) consecutive months. The first Contract Year shall commence on the Commercial Operation Date and each subsequent Contract Year shall commence on the anniversary of the Commercial Operation Date.

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

“**Cover Sheet**” means the cover sheet to this Agreement, which is incorporated into this Agreement.

“**CPM Price**” has the meaning set forth in Section 3.5(a).

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

“**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 S&P or Moody’s. If ratings by S&P and Moody’s are not equivalent, the lower rating shall apply.

“**Curtailment Order**” means any of the following:

(a) CAISO orders, directs, alerts, or provides notice to a Party, including a CAISO Operating Order, to curtail deliveries of Facility Energy for the following reasons: (i) any System Emergency, or (ii) any warning of an anticipated System Emergency, or warning of an imminent condition or situation, which jeopardizes CAISO’s electric system integrity or the integrity of other systems to which CAISO is connected;

(b) a curtailment ordered by the Transmission Provider for reasons including, but not limited to, (i) any situation that affects normal function of the electric system including, but not limited to, any abnormal condition that requires action to prevent circumstances such as equipment damage, loss of load, or abnormal voltage conditions, or (ii) any warning, forecast or anticipation of conditions or situations that jeopardize the Transmission Provider’s electric system integrity or the integrity of other systems to which the Transmission Provider is connected;

(c) a curtailment ordered by CAISO or the Transmission Provider due to a Transmission System Outage; or

(d) a curtailment in accordance with Seller’s obligations under its Interconnection Agreement with the Transmission Provider or distribution operator.

“**Cure Plan**” has the meaning set forth in Section 11.1(b)(iii).

“**Daily Delay Damages**” means an amount equal to (a) the Development Security amount required hereunder, divided by (b) one hundred twenty (120).

“**Damage Payment**” means the amount to be paid by the Defaulting Party to the Non-Defaulting Party after a Terminated Transaction occurring prior to the Commercial Operation Date, in a dollar amount set forth in Section 11.3(a).

“**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 11.1(a).

“**Delay Damages**” means Daily Delay Damages and Commercial Operation Delay Damages.

“**Delivery Point**” has the meaning set forth in Exhibit A.

“**Delivery Term**” shall mean the period of Contract Years set forth on the Cover Sheet beginning on the Commercial Operation Date, unless terminated earlier in accordance with the terms and conditions of this Agreement.

“**Development Cure Period**” has the meaning set forth in Exhibit B.

“**Development Security**” means (i) cash or (ii) a Letter of Credit in the amount set forth on the Cover Sheet.

“**Disclosing Party**” has the meaning set forth in Section 18.2.

“**Dispatch Notice**” means the operating instruction and any subsequent updates, given by Buyer to Seller, directing the Facility to discharge Facility Energy at a specific MWh rate to a specified Stored Energy Level, provided that any such operating instruction or updates shall be in accordance with the Operating Restrictions. Dispatch Notices may be communicated electronically (i.e. through ADS or e-mail), or telephonically, in accordance with the procedures set forth in Section 4.7. Telephonic or other verbal communications shall be documented (either recorded by tape, electronically or in writing) and such recordings shall be made available to both Buyer and Seller upon request for settlement purposes.

“**Early Termination Date**” has the meaning set forth in Section 11.2(a).

“**Effective Capacity**” means the lesser of (a) PMAX, and (b) maximum dependable operating capacity of the Facility to discharge electric energy for four (4) hours of continuous discharge, as measured in MW AC at the Delivery Point pursuant to the most recent applicable Capacity Test (including the Commercial Operation Capacity Test, as evidenced by a certificate substantially in the form attached as Exhibit I hereto), in either case (a) or (b) up to but not in excess of (i) the Guaranteed Capacity (with respect to a Commercial Operation Capacity Test) or (ii) the Installed Capacity (with respect to any other Capacity Test).

“**Effective Date**” has the meaning set forth on the Preamble.

“**Effective Flexible Capacity**” or “**EFC**” means the effective flexible capacity (in MWs) of the Facility pursuant to the counting conventions set forth in the Resource Adequacy Rulings and the CAISO Tariff, which such flexible capacity may be used to satisfy Flexible RAR.

“**Effective FCDS Date**” means the date identified in Seller’s Notice to Buyer (along with a Full Capacity Deliverability Status Finding from CAISO) as the date that the Facility has attained Full Capacity Deliverability Status.

“**Efficiency Rate**” means the rate of conversion of the Charging Energy into Facility Energy calculated during a Capacity Test and based upon Energy In divided by Energy Out as set forth in Exhibit O.

“**Efficiency Shortfall Amount**” has the meaning set forth in Exhibit C.

**“Electrical Losses”** means all transmission or transformation losses between the Facility and the Delivery Point, including losses associated with delivery of Facility Energy to the Delivery Point.

**“Emission Reduction Credits”** or **“ERCs”** means emission reductions that have been authorized by a local air pollution control district pursuant to California Division 26 Air Resources; Health and Safety Code Sections 40709 and 40709.5, whereby a district has established a system by which all reductions in the emission of air contaminants that are to be used to offset certain future increases in the emission of air contaminants shall be banked prior to use to offset future increases in emissions.

**“Energy”** means all electrical energy produced, flowing from or supplied by a generating resource, including an energy storage system, measured in kilowatt-hours or multiple units thereof. Energy shall include without limitation, reactive power and any other electrical energy products that may be developed or evolve from time to time during the Term.

**“Energy In”** has the meaning set forth in Section III.A(4) of Exhibit O.

**“Energy Out”** has the meaning set forth in Section III.A(8) of Exhibit O.

**“Energy Management System”** or **“EMS”** means the Facility’s energy management system.

**“Environmental Costs”** means costs incurred in connection with acquiring and maintaining all environmental permits and licenses for the Facility, and the Facility’s compliance with all applicable environmental laws, rules and regulations, including capital costs for pollution mitigation or installation of emissions control equipment required to permit or license the Facility, all operating and maintenance costs for operation of pollution mitigation or control equipment, costs of permit maintenance fees and emission fees as applicable, and the costs of all Emission Reduction Credits or Marketable Emission Trading Credits required by any applicable environmental laws, rules, regulations, and permits to operate, and costs associated with the disposal and clean-up of hazardous substances introduced to the Site, and the decontamination or remediation, on or off the Site, necessitated by the introduction of such hazardous substances on the Site.

**“Event of Default”** has the meaning set forth in Section 11.1.

**“Expected Commercial Operation Date”** has the meaning set forth on the Cover Sheet.

**“Expected Construction Start Date”** has the meaning set forth on the Cover Sheet.

**“Facility”** means the energy storage facility described on the Cover Sheet and in Exhibit A, located at the Site and including mechanical equipment and associated facilities and equipment required to deliver Product (but excluding any Shared Facilities), as such storage facility may be expanded or otherwise modified from time to time in accordance with the terms hereof.



“**Facility Energy**” means the Energy delivered from the Facility to the Delivery Point during any Settlement Interval or Settlement Period, net of Electrical Losses, as measured by the Facility Meter, which Facility Meter will be adjusted in accordance with CAISO meter requirements and Prudent Operating Practices to account for Electrical Losses.

“**Facility Meter**” means a CAISO-approved bi-directional revenue quality meter or meters (with a 0.3 accuracy class), CAISO-approved data processing gateway or remote intelligence gateway, telemetering equipment and data acquisition services sufficient for monitoring, recording and reporting, in real time, all Facility Energy and Charging Energy. For clarity, the Facility may contain multiple measurement devices that will make up the Facility Meter, and, unless otherwise indicated, references to the Facility Meter shall mean all such measurement devices and the aggregated data of all such measurement devices, taken together. Without limiting Seller’s obligation to deliver Facility Energy to the Delivery Point, the Facility Meter will be located at the low-voltage side of the main step up transformer and will be subject to adjustment to measure Facility Energy at the Delivery Point in accordance with CAISO meter requirements and Prudent Operating Practices to account for Electrical Losses.

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

“**Financial Close**” means Seller and/or one of its Affiliates has obtained debt and/or equity financing commitments from one or more Lenders sufficient to construct the Facility, including such financing commitments from Seller’s owner(s).

“**Flexible Capacity**” means, with respect to any particular Showing Month, the number of MWs of Product which are eligible to satisfy Flexible RAR.

“**Flexible RAR**” means the flexible capacity requirements established for load-serving entities by the CAISO pursuant to the CAISO Tariff, the CPUC pursuant to the Resource Adequacy Rulings, or by any other Governmental Authority.

“**Force Majeure Event**” has the meaning set forth in Section 10.1.

“**Full Capacity Deliverability Status**” or “**FCDS**” has the meaning set forth in the CAISO Tariff.

“**Full Capacity Deliverability Status Finding**” means a written confirmation from the CAISO that the Facility is eligible for Full Capacity Deliverability Status.

“**Gains**” means, with respect to any Party, an amount equal to the present value of the economic benefit to it, if any (exclusive of Costs), resulting from the termination of this Agreement for the remaining Contract Term, determined in a commercially reasonable manner. Factors used in determining the economic benefit to a Party may include, without limitation, reference to information supplied by one or more third parties, which shall exclude Affiliates of the Non-Defaulting Party, including without limitation, quotations (either firm or indicative) of relevant rates, prices, yields, yield curves, volatilities, spreads or other relevant market data in the relevant markets, comparable transactions, forward price curves based on economic analysis of the relevant

markets, settlement prices for comparable transactions at liquid trading hubs (e.g., SP-15), all of which should be calculated for the remaining Contract Term, and include the value of Green Attributes and Capacity Attributes.

“**GHG Regulations**” means Title 17, Division 3 (Air Resources), Chapter 1 (Air Resources Board), Subchapter 10 (Climate Change), Article 5 (Emissions Cap), Sections 95800 to 96023 of the California Code of Regulations, as amended or supplemented from time to time.

“**Governmental Authority**” means any federal, state, provincial, local or municipal government, any political subdivision thereof or any other governmental, congressional or parliamentary, regulatory, or judicial instrumentality, authority, body, agency, department, bureau, or entity with authority to bind a Party at law, including CAISO; *provided*, “Governmental Authority” shall not in any event include any Party.

“**Greenhouse Gas**” or “**GHG**” has the meaning set forth in the GHG Regulations or in any other applicable Laws imposing an obligation to offset or reduce GHGs on Seller and/or its operation of the Facility.

“**Guaranteed Capacity**” means the guaranteed dependable operating capability of the Facility to discharge electric energy, as measured in MW AC at the Delivery Point for four (4) hours of continuous discharge, that Seller commits to install pursuant to this Agreement as set forth on the Cover Sheet.

“**Guaranteed Capacity Availability**” has the meaning set forth in Section 4.3.

“**Guaranteed Commercial Operation Date**” means the Expected Commercial Operation Date, as such date may be extended pursuant to Exhibit B.

“**Guaranteed Construction Start Date**” means the Expected Construction Start Date, as such date may be extended pursuant to Exhibit B.

“**Guaranteed Efficiency Rate**” means, for each Contract Year, the minimum guaranteed Efficiency Rate of the Facility for such Contract Year as set forth on the Cover Sheet.

“**Guarantor**” means, with respect to Seller, any Person that (a) does not already have any material credit exposure to Buyer under any other agreements, guarantees, or other arrangements at the time its Guaranty is issued, (b) is an Affiliate of Seller, or other third party reasonably acceptable to Buyer, (c) has a Credit Rating of BBB- or better from S&P or a Credit Rating of Baa3 or better from Moody’s, (d) has a tangible net worth of at least One Hundred Million Dollars (\$100,000,000), (e) is incorporated or organized in a jurisdiction of the United States and is in good standing in such jurisdiction, and (f) executes and delivers a Guaranty for the benefit of Buyer.

“**Guaranty**” means a guaranty from a Guarantor provided for the benefit of Buyer substantially in the form attached as Exhibit L, or as reasonably acceptable to Buyer.

“**Imbalance Energy**” means the amount of energy in MWh, in any given Settlement Period

or Settlement Interval, by which the amount of Facility Energy deviates from the amount of Scheduled Energy.

**“Indemnified Party”** has the meaning set forth in Section 16.1.

**“Indemnifying Party”** has the meaning set forth in Section 16.1.

**“IP Indemnity Claim”** has the meaning set forth in Section 16.1(b).

**“Initial Synchronization”** means the initial delivery of Facility Energy to the Delivery Point.

**“Installed Capacity”** means the lesser of (a) PMAX, and (b) actual amount of dependable operating capacity of the Facility to discharge electric energy for four (4) hours of continuous discharge, as measured in MW AC at the Delivery Point up to but not in excess of the Guaranteed Capacity, that achieves Commercial Operation, and as evidenced by a certificate substantially in the form attached as Exhibit I hereto, as such capacity may be adjusted pursuant to Section 5 of Exhibit B. It is acknowledged that Seller shall have the right and option in its sole discretion to install Facility capacity in excess of the Guaranteed Capacity, provided that for all purposes of this Agreement the amount of Installed Capacity shall never be deemed to exceed the Guaranteed Capacity, and (for the avoidance of doubt) Buyer shall have no rights to charge energy into or make use of any such excess capacity.

**“Interconnection Agreement”** means the interconnection agreement entered into by Seller pursuant to which the Facility will be interconnected with the Transmission System, and pursuant to which Seller’s Interconnection Facilities and any other Interconnection Facilities will be constructed, operated and maintained during the Contract Term.

**“Interconnection Facilities”** means the interconnection facilities, control and protective devices and metering facilities required to connect the Facility with the Transmission System in accordance with the Interconnection Agreement.

**“Interest Rate”** has the meaning set forth in Section 8.2.

**“Interim Deliverability Status”** has the meaning set forth in the CAISO Tariff.

**“Inter-SC Trade”** or **“IST”** has the meaning set forth in the CAISO Tariff.

**“IP Indemnity Claim”** has the meaning set forth in Section 16.1(b).

**“Joint Powers Act”** means the Joint Exercise of Powers Act of the State of California (Government Code Section 6500 et seq.).

**“Joint Powers Agreement”** means that certain Joint Powers Agreement dated June 27, 2017, as amended from time to time, under which Buyer is organized as a Joint Powers Authority in accordance with the Joint Powers Act.

“**Law**” means any applicable law, statute, rule, regulation, decision, writ, order, decree or judgment, permit or any interpretation thereof, promulgated or issued by a Governmental Authority.

“**Lender**” means, collectively, any Person (i) providing senior or subordinated construction, interim, back leverage or long-term debt, equity or tax equity financing or refinancing for or in connection with the development, construction, purchase, installation or operation of the Facility, whether that financing or refinancing takes the form of private debt (including back-leverage debt), equity (including tax equity), public debt or any other form (including financing or refinancing provided to a member or other direct or indirect owner of Seller), including any equity or tax equity investor directly or indirectly providing financing or refinancing for the Facility or purchasing equity ownership interests of Seller and/or its Affiliates, and any trustee or agent or similar representative acting on their behalf, (ii) providing interest rate or commodity protection under an agreement hedging or otherwise mitigating the cost of any of the foregoing obligations and/or (iii) participating in a lease financing (including a sale leaseback or leveraged leasing structure) with respect to the Facility.

“**Letter(s) of Credit**” means one or more irrevocable, standby letters of credit issued by a U.S. commercial bank or a foreign bank with a U.S. branch with such bank having a Credit Rating of at least A- with an outlook designation of “stable” from S&P or A3 with an outlook designation of “stable” from Moody’s, in a form substantially similar to the letter of credit set forth in Exhibit K.

“**Licensed Professional Engineer**” means an independent, professional engineer selected by Seller and reasonably acceptable to Buyer, licensed in the State of California.

“**Local Capacity Area Resources**” has the meaning set forth in the CAISO Tariff.

“**Local Capacity Area**” has the meaning set forth in the CAISO Tariff.

“**Local RAR**” means the local Resource Adequacy Requirements established for load-serving entities by the CAISO pursuant to the CAISO Tariff, the CPUC pursuant to the Resource Adequacy Rulings, or by any other Governmental Authority. “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.

“**Losses**” means, with respect to any Party, an amount equal to the present value of the economic loss to it, if any (exclusive of Costs), resulting from termination of this Agreement for the remaining Contract Term, determined in a commercially reasonable manner. Factors used in determining economic loss to a Party may include, without limitation, reference to information supplied by one or more third parties, which shall exclude Affiliates of the Non-Defaulting Party, including without limitation, quotations (either firm or indicative) of relevant rates, prices, yields, yield curves, volatilities, spreads or other relevant market data in the relevant markets, comparable transactions, forward price curves based on economic analysis of the relevant markets, settlement prices for comparable transactions at liquid trading hubs (e.g., SP-15), all of which should be

calculated for the remaining Contract Term and must include the value of Green Attributes, Capacity Attributes, and Renewable Energy Incentives.

“**Make-up Days**” has the meaning set forth in Exhibit B.

“**Marketable Emission Trading Credits**” means emissions trading credits or units pursuant to the requirements of California Division 26 Air Resources; Health & Safety Code Section 39616 and Section 40440.2 for market based incentive programs such as the South Coast Air Quality Management District’s Regional Clean Air Incentives Market, also known as RECLAIM, and allowances of sulfur dioxide trading credits as required under Title IV of the Federal Clean Air Act (42 U.S.C. § 7651b (a) to (f)).

“**Master File**” has the meaning set forth in the CAISO Tariff.

“**Milestones**” means the development activities for significant permitting, interconnection, financing and construction milestones set forth on the Cover Sheet.

“**Monthly Capacity Payment**” means the payment required to be made by Buyer to Seller each month of the Delivery Term as compensation for the Product, as calculated in accordance with Exhibit C.

“**Moody’s**” means Moody’s Investors Service, Inc., or its successor.

“**MW**” means megawatts in alternating current, unless expressly stated in terms of direct current.

“**MWh**” means megawatt-hour measured in alternating current, unless expressly stated in terms of direct current.

“**Net Qualifying Capacity**” or “**NQC**” has the meaning set forth in the CAISO Tariff.

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

“**Non-Buyer Dispatch**” means a dispatch by Seller pursuant to a Seller Initiated Test.

“**Non-Defaulting Party**” has the meaning set forth in Section 11.2.

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

“**Operating Deviation**” means, in each four (4) second interval other than during a CAISO dispatch or Non-Buyer Dispatch, the amount (measured in MW) by which the Facility deviates from the Operating Instructed Amount; [REDACTED]

[REDACTED]



“**Portfolio**” means the single portfolio of electrical energy generating, electrical energy storage, or other assets and entities, including the Facility (or the interests of Seller or Seller’s Affiliates or the interests of their respective direct or indirect parent companies), that is pledged as collateral security in connection with a Portfolio Financing.

“**Portfolio Financing**” means any debt incurred by an Affiliate of Seller that is secured only by a Portfolio.

“**Portfolio Financing Entity**” means any Affiliate of Seller that incurs debt in connection with any Portfolio Financing.

“**Product**” has the meaning set forth on the Cover Sheet.

“**Progress Report**” means a progress report including the items set forth in Exhibit E.

“**Prudent Operating Practice**” means (a) the applicable practices, methods and acts required by or consistent with applicable Laws and reliability criteria, and otherwise engaged in or approved by a significant portion of the electric utility industry during the relevant time period with respect to grid-interconnected, utility-scale energy storage facilities in the Western United States, and (b) any of the practices, methods and acts which, in the exercise of reasonable judgment in light of the facts known at the time the decision was made, could have been expected to accomplish the desired result at a reasonable cost consistent with good business practices, reliability, safety and expedition. Prudent Operating Practice is not intended to be limited to the optimum practice, method or act to the exclusion of all others, but rather to acceptable practices, methods or acts generally accepted in the industry with respect to grid-interconnected, utility-scale energy storage facilities in the Western United States. Prudent Operating Practice shall include compliance with applicable Laws, applicable safety and reliability criteria, and the applicable criteria, rules and standards promulgated in the National Electric Safety Code and the National Electrical Code, as they may be amended or superseded from time to time, including the criteria, rules and standards of any successor organizations.

“**Qualifying Capacity**” has the meaning set forth in the CAISO Tariff.

“**RA Compliance Showings**” means the (a) Local RAR compliance or advisory showings (or similar or successor showings), (b) RAR compliance or advisory showings (or similar or successor showings), and (c) Flexible RAR compliance or advisory showings (or similar successor showings), in each case, an entity is required to make to the CAISO pursuant to the CAISO Tariff, to the CPUC (and, to the extent authorized by the CPUC, to the CAISO) pursuant to the Resource Adequacy Rulings, or to any Governmental Authority.

“**RA Deficiency Amount**” has the meaning set forth in Section 3.5(b).

“**RA Deficiency Payment True-Up**” has the meaning set forth in Section 3.5(b).

“**RA Guarantee Date**” means the date set forth in the deliverability Section of the Cover Sheet which is the date the Facility is expected to achieve Full Capacity Deliverability Status.

**“RA Shortfall Interval”** has the meaning set forth in Section 3.5(b).

**“RA Shortfall Month”** means, for purposes of calculating an RA Deficiency Amount under Section 3.5(b), any month, commencing on the RA Guarantee Date, during which the Net Qualifying Capacity of the Facility for such month was less than the Qualifying Capacity of the Facility for such month (including any month during the period between the RA Guarantee Date and the Effective FCDS Date, if applicable).

**“Real-Time Market”** has the meaning set forth in the CAISO Tariff.

**“Receiving Party”** has the meaning set forth in Section 18.2.

**“Reliability Must-Run Contract”** or **“RMR Contract”** means a Must-Run Service Agreement between the owner of an RMR Unit (or the output therefrom) and the CAISO.

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

**“Remedial Action Plan”** has the meaning in Section 2.4.

**“Replacement RA”** means Resource Adequacy Benefits, if any, equivalent to those that would have been provided by the Facility with respect to the applicable month in which a RA Deficiency Amount is due to Buyer, and located within SP 15 TAC Area and, to the extent that the Facility would have qualified as a Local Capacity Area Resource for such month, described as a Local Capacity Area Resource.

**“Requested Confidential Information”** has the meaning set forth in Section 18.2.

**“Resource Adequacy Benefits”** means the rights and privileges attached to the Facility that satisfy any entity’s resource adequacy obligations, as those obligations are set forth in any Resource Adequacy Rulings and shall include Flexible Capacity, and any local, zonal or otherwise locational attributes associated with the Facility.

**“Resource Adequacy Requirements”** or **“RAR”** means the resource adequacy requirements applicable to an entity as established by the CAISO pursuant to the CAISO Tariff, by the CPUC pursuant to the Resource Adequacy Rulings, or by any other Governmental Authority.

**“Resource Adequacy Resource”** shall have the meaning used in Resource Adequacy Rulings.

**“Resource Adequacy Rulings”** means CPUC Decisions 04-01-050, 04-10-035, 05-10-042, 06-04-040, 06-06-064, 06-07-031 06-07-031, 07-06-029, 08-06-031, 09-06-028, 10-06-036, 11-06-022, 12-06-025, 13-06-024 and any other existing or subsequent ruling or decision, or any other resource adequacy laws, rules or regulations enacted, adopted or promulgated by any applicable Governmental Authority, however described, as such decisions, rulings, Laws, rules or regulations may be amended or modified from time-to-time throughout the Delivery Term.



“**S&P**” means the Standard & Poor’s Financial Services, LLC (a subsidiary of S&P Global Inc.) or its successor.

“**Schedule**” has the meaning set forth in the CAISO Tariff, and “**Scheduled**” has a corollary meaning.

“**Scheduled Energy**” means the Facility Energy that clears under the applicable CAISO market based on the final Day-Ahead Schedule, FMM Schedule (as defined in the CAISO Tariff), and/or any other financially binding Schedule, market instruction or dispatch for the Facility for a given period of time implemented in accordance with the CAISO Tariff.

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

“**Security Interest**” has the meaning set forth in Section 8.9.

“**Seller**” has the meaning set forth on the Cover Sheet.

“**Seller Initiated Test**” has the meaning set forth in Section 4.4(c).

“**Settlement Amount**” means the Non-Defaulting Party’s Costs and Losses, on the one hand, netted against its Gains, on the other. If the Non-Defaulting Party’s Costs and Losses exceed its Gains, then the Settlement Amount shall be an amount owing to the Non-Defaulting Party. If the Non-Defaulting Party’s Gains exceed its Costs and Losses, then the Settlement Amount shall be zero dollars (\$0). The Settlement Amount does not include consequential, incidental, punitive, exemplary or indirect or business interruption damages.

“**Settlement Interval**” has the meaning set forth in the CAISO Tariff.

“**Settlement Period**” has the meaning set forth in the CAISO Tariff.

“**Shared Facilities**” means the gen-tie lines, transformers, substations, or other equipment, permits, contract rights, and other assets and property (real or personal), in each case, as necessary to enable delivery of Facility Energy (which is excluded from Shared Facilities) to the point of interconnection, including the Interconnection Agreement itself, that are used in common with third parties.

“**Showing Month**” shall be the calendar month of the Delivery Term that is the subject of the RA Compliance Showing, as set forth in the Resource Adequacy Rulings and outlined in the CAISO Tariff. For illustrative purposes only, pursuant to the CAISO Tariff and Resource Adequacy Rulings in effect as of the Effective Date, the monthly RA Compliance Showing made in June is for the Showing Month of August.

“**Site**” means the real property on which the Facility is or will be located, as further described in Exhibit A, and as shall be updated by Seller at the time Seller provides an executed

Construction Start Date certificate in the form of Exhibit J to Buyer; provided, that any such update to the Site that includes real property that was not originally contained within the Site boundaries described in Exhibit A shall be subject to Buyer's approval of such updates in its sole discretion.

**“Site Control”** means that, for the Contract Term, Seller (or, prior to the Delivery Term, its Affiliate): (a) owns or has the option to purchase the Site; (b) is the lessee or has the option to lease the Site; or (c) is the holder of an easement or an option for an easement, right-of-way grant, or similar instrument with respect to the Site.

**“SP-15”** means the Existing Zone Generation Trading Hub for Existing Zone region SP15 as set forth in the CAISO Tariff.

**“Station Use”** means the Energy that is used within the Facility to power the lights, motors, temperature control systems, control systems and other electrical loads that are necessary for operation of the Facility.

**“Storage Capability”** has the meaning in Exhibit P.

**“Stored Energy Level”** means, at a particular time, the amount of electric energy in the Facility available to be discharged as Facility Energy to and at the Delivery Point, expressed in MWh. The Parties acknowledge that, taking into account Electrical Losses, the actual amount of Energy (expressed in MWh) physically stored in the Facility at any moment in time shall be greater than the Stored Energy Level as defined in the preceding sentence, and the Facility's EMS shall provide a continuous monitoring and read out of the Stored Energy Level as defined in the preceding sentence. Although the Stored Energy Level will be expressed, as aforesaid, in MWh, in certain circumstances the Parties may find it useful to also express the Stored Energy Level as a percentage of the Facility's maximum Stored Energy Level, which maximum Stored Energy Level at any point in time shall be equal to the then Effective Capacity (expressed in MW) multiplied by four (4) hours.

**“System Emergency”** means any condition that requires, as determined and declared by CAISO or the Transmission Provider, automatic or immediate action to (i) prevent or limit harm to or loss of life or property, (ii) prevent loss of transmission facilities or generation supply in the immediate vicinity of the Facility, or (iii) to preserve Transmission System reliability.

**“Tax”** or **“Taxes”** means all U.S. federal, state and local and any foreign taxes, levies, assessments, surcharges, duties and other fees and charges of any nature imposed by a Governmental Authority, whether currently in effect or adopted during the Contract Term, including ad valorem, excise, franchise, gross receipts, import/export, license, property, sales and use, stamp, transfer, payroll, unemployment, income, and any and all items of withholding, deficiency, penalty, additions, interest or assessment related thereto.

**“Tax Credits”** means any state, local and/or federal production tax credit, depreciation benefit, tax deduction and/or investment or similar tax credit specific to the production of clean or renewable energy and/or investments in clean or renewable energy (including energy storage) facilities.

**“Terminated Transaction”** has the meaning set forth in Section 11.2(a).

**“Termination Payment”** has the meaning set forth in Section 11.3(b).

**“Transmission Provider”** means any entity that owns, operates and maintains transmission or distribution lines and associated facilities and/or has entitlements to use certain transmission or distribution lines and associated facilities for the purpose of transmitting or transporting the Facility Energy from the Delivery Point.

**“Transmission System”** means the transmission facilities operated by the CAISO, now or hereafter in existence, which provide energy transmission service downstream from the Delivery Point.

**“Transmission System Outage”** means an outage on the Transmission System, other than a System Emergency, that is not caused by Seller’s actions or inactions and that prevents Buyer or the CAISO (as applicable) from receiving System Energy onto the Transmission System.

**“Ultimate Parent”** means sPower, LLC, a Delaware limited liability company.

**“Unavailable Settlement Interval”** has the meaning set forth in Exhibit P.

**“Unplanned Outage”** means a period during which the Facility is not capable of providing service due to the need to maintain or repair a component thereof, including due to any unexpected failure of one or more components of the Facility that prevents Seller from discharging Energy or making Facility Energy available at the Delivery Point. For the avoidance of doubt, Unplanned Outages do not include Planned Outages.

**“Updated Dispatch Notice”** means a Dispatch Notice that is modified in any way by the Scheduling Coordinator or Buyer prior to the end of the time period covered by the original Dispatch Notice.

1.2 **Rules of Interpretation.** In this Agreement, except as expressly stated otherwise or unless the context otherwise requires:

(a) headings and the rendering of text in bold and italics are for convenience and reference purposes only and do not affect the meaning or interpretation of this Agreement;

(b) words importing the singular include the plural and vice versa and the masculine, feminine and neuter genders include all genders;

(c) the words “hereof”, “herein”, and “hereunder” and words of similar import shall refer to this Agreement as a whole and not to any particular provision of this Agreement;

(d) a reference to an Article, Section, paragraph, clause, Party, or Exhibit is a reference to that Section, paragraph, clause of, or that Party or Exhibit to, this Agreement unless otherwise specified;

(e) a reference to a document or agreement, including this Agreement shall mean such document, agreement or this Agreement including any amendment or supplement to, or replacement, novation or modification of this Agreement, but disregarding any amendment, supplement, replacement, novation or modification made in breach of such document, agreement or this Agreement;

(f) a reference to a Person includes that Person's successors and permitted assigns;

(g) the terms "include" and "including" mean "include or including (as applicable) without limitation" and any list of examples following such term shall in no way restrict or limit the generality of the word or provision in respect of which such examples are provided;

(h) references to any statute, code or statutory provision are to be construed as a reference to the same as it may have been, or may from time to time be, amended, modified or reenacted, and include references to all bylaws, instruments, orders and regulations for the time being made thereunder or deriving validity therefrom unless the context otherwise requires;

(i) in the event of a conflict, a mathematical formula or other precise description of a concept or a term shall prevail over words providing a more general description of a concept or a term;

(j) references to any amount of money shall mean a reference to the amount in United States Dollars;

(k) the expression "and/or" when used as a conjunction shall connote "any or all of";

(l) words, phrases or expressions not otherwise defined herein that (i) have a generally accepted meaning in Prudent Operating Practice shall have such meaning in this Agreement or (ii) do not have well known and generally accepted meaning in Prudent Operating Practice but that have well known and generally accepted technical or trade meanings, shall have such recognized meanings; and

(m) each Party acknowledges that it was represented by counsel in connection with this Agreement and that it or its counsel reviewed this Agreement and that any rule of construction to the effect that ambiguities are to be resolved against the drafting party shall not be employed in the interpretation of this Agreement.

## **ARTICLE 2**

### **TERM; CONDITIONS PRECEDENT**

#### **2.1 Contract Term.**

(a) The term of this Agreement shall commence on the Effective Date and shall remain in full force and effect until the conclusion of the Delivery Term, subject to any early

termination provisions set forth herein (“**Contract Term**”); *provided*, Buyer’s obligations to pay for or accept any Product are subject to Seller’s completion of the conditions precedent pursuant to Section 2.2.

(b) Applicable provisions of this Agreement shall continue in effect after termination, including early termination, to the extent necessary to enforce or complete the duties, obligations or responsibilities of the Parties arising prior to termination. The confidentiality obligations of the Parties under Article 18 shall remain in full force and effect for two (2) years following the termination of this Agreement, and all indemnity and audit rights shall remain in full force and effect for one (1) year following the termination of this Agreement.

2.2 **Conditions Precedent.** The Delivery Term shall not commence until Seller completes to Buyer’s reasonable satisfaction each of the following conditions:

(a) Seller shall have delivered to Buyer (i) a completion certificate from a Licensed Professional Engineer substantially in the form of Exhibit H and (ii) a certificate from a Licensed Professional Engineer substantially in the form of Exhibit I setting forth the Installed Capacity on the Commercial Operation Date;

(b) A Participating Generator Agreement and a Meter Service Agreement between Seller and CAISO shall have been executed and delivered and be in full force and effect, and a copy of each such agreement delivered to Buyer;

(c) An Interconnection Agreement between Seller and the Transmission Provider shall have been executed and delivered and be in full force and effect and a copy of the Interconnection Agreement delivered to Buyer;

(d) All applicable regulatory authorizations, approvals and permits for the commencement of operation of the Facility have been obtained and all conditions thereof required for commencement of operation have been satisfied and shall (as applicable) be in full force and effect;

(e) Seller has obtained CAISO Certification for the Facility; Seller has delivered the Performance Security to Buyer in accordance with Section 8.8;

(g) Seller has obtained an NQC for the Facility and the NQC is not less than seventy-five percent (75%) of the Guaranteed Capacity; [REDACTED]

[REDACTED]

(h) Seller has taken all actions and executed all documents and instruments, required to authorize Buyer (or its designated agent) to act as Scheduling Coordinator under this Agreement, and Buyer (or its designated agent) is authorized to act as Scheduling Coordinator; and

(i) Seller has paid Buyer for all amounts owing under this Agreement, if any, including Daily Delay Damages, and Commercial Operation Delay Damages.

2.3 **Development; Construction; Progress Reports.** Within fifteen (15) days after the close of (i) each calendar quarter from the first calendar quarter following the Effective Date until the Construction Start Date, and (ii) each calendar month from the first calendar month following the Construction Start Date until the Commercial Operation Date, Seller shall provide to Buyer a Progress Report and agree to regularly scheduled meetings between representatives of Buyer and Seller to review such reports and discuss Seller's construction progress. The form of the Progress Report is set forth in Exhibit E. Seller shall also provide Buyer with any reasonable requested documentation (subject to confidentiality restrictions) directly related to the achievement of Milestones within ten (10) Business Days of receipt of such request by Seller. For the avoidance of doubt, Seller is solely responsible for the design and construction of the Facility, including the location of the Site, the Facility layout, and the selection and procurement of the equipment comprising the Facility.

2.4 **Remedial Action Plan.** If Seller misses a Milestone by more than thirty (30) days, except as the result of Force Majeure Event or Buyer Default, Seller shall submit to Buyer, within ten (10) Business Days of such missed Milestone completion date, a remedial action plan ("**Remedial Action Plan**"), which will describe in detail any delays (actual or anticipated) beyond the scheduled Milestone dates, including the cause of the delay (e.g., governmental approvals, financing, property acquisition, design activities, equipment procurement, project construction, interconnection, or any other factor), Seller's detailed description of its proposed course of action to achieve the missed Milestones and all subsequent Milestones by the Guaranteed Commercial Operation Date; *provided*, delivery of any Remedial Action Plan shall not relieve Seller of its obligation to provide Remedial Action Plans with respect to any subsequent Milestones and to achieve the Guaranteed Commercial Operation Date in accordance with the terms of this Agreement. Subject to the provisions of Exhibit B, so long as Seller complies with its obligations under this Section 2.4, Seller shall not be considered in default of its obligations under this Agreement solely as a result of missing any Milestone.

2.5 **Pre-Commercial Operation Actions.** The Parties agree that, in order for Seller to achieve the Commercial Operation Date, Seller will need to conduct operational testing of the Facility (including charging and discharging the Facility), and the Parties will have to perform certain of their Delivery Term obligations, in advance of the Commercial Operation Date, including, without limitation, Seller's delivery of an Availability Notice for the Commercial Operation Date, Buyer's delivery of Charging Energy and Dispatch Notices consistent with Seller's reasonable requests to enable Facility operational testing, and nominating and scheduling the Facility, all in advance of the Commercial Operation Date. The Parties shall cooperate with each other to facilitate the foregoing and to avoid delaying the Commercial Operation Date. Seller

shall give Buyer at least forty-five (45) days' Notice before the intended date of synchronization of the Facility to the grid.

### **ARTICLE 3 PURCHASE AND SALE**

3.1 **Product.** Subject to the terms and conditions of this Agreement, during the Delivery Term, Buyer shall have the exclusive right to the Installed Capacity and Effective Capacity, as applicable, and all Product associated therewith, including the exclusive right to use, market or sell the Product and the right to all revenues generated from the use, resale or remarketing of the Product. Seller shall operate the Facility and make available, charge and discharge, deliver, and sell the Product therefrom to Buyer, when and as the Facility is available, subject to the terms and conditions of this Agreement, including the Operating Restrictions. Seller represents and warrants that it will deliver the Product to Buyer free and clear of all liens, security interests, claims and encumbrances. Seller shall not substitute or purchase any energy storage capacity, Energy, Ancillary Services or Capacity Attributes (except for Replacement RA) from any other energy storage resource or the market for delivery hereunder except as otherwise provided herein, nor shall Seller sell, assign or otherwise transfer any Product, or any portion thereof, to any third party other than to Buyer or CAISO pursuant to this Agreement.

3.2 **Facility Energy.** Except for Facility Energy resulting from a Non-Buyer Dispatch, Seller commits to make available the Facility Energy to Buyer, and Buyer shall have the exclusive rights to all Facility Energy, subject to the Operating Restrictions. Title to and risk of loss related to the Facility Energy shall pass and transfer from Seller to Buyer at the Delivery Point.

3.3 **Capacity Attributes.** Seller shall request Full Capacity Deliverability Status in the CAISO generator interconnection process. As between Buyer and Seller, Seller shall be responsible for the cost and installation of any Network Upgrades associated with obtaining such Full Capacity Deliverability Status.

(a) Throughout the Delivery Term, Seller grants, pledges, assigns and otherwise commits to Buyer all the Capacity Attributes from the Facility.

(b) Throughout the Delivery Term and subject to Section 3.6, Seller (i) shall use commercially reasonable efforts to maintain eligibility for Full Capacity Deliverability Status or Interim Deliverability Status for the Facility from the CAISO and (ii) shall perform all commercially reasonable actions necessary to ensure that the Facility qualifies to provide Resource Adequacy Benefits to Seller. Throughout the Delivery Term, and subject to Section 3.6, Seller hereby covenants and agrees to transfer all Resource Adequacy Benefits to Buyer.

(c) For the duration of the Delivery Term, and subject to Section 3.6, Seller shall take all commercially reasonable actions, including complying with all applicable registration and reporting requirements, and execute all documents or instruments necessary to enable Buyer to use all of the Capacity Attributes committed by Seller to Buyer pursuant to this Agreement.

3.4 **Ancillary Services.** Buyer shall have the exclusive rights to any and all Ancillary Services and Associated Ancillary Services Energy, with characteristics and quantities determined in accordance with the CAISO Tariff based on the operating characteristics of the Facility. If at any time the Facility is physically capable of providing any black start or other ancillary services (as such terms are defined in the CAISO Tariff) that are not expressly listed in Exhibit Q consistent with the Operating Restrictions set forth in Exhibit Q, then, upon a request by Buyer, the Parties shall negotiate in good faith to modify the terms of Exhibit Q and this Agreement to include such black start or any other ancillary services not listed Exhibit Q, provided that under no circumstances shall Seller be required to incur any additional costs or expenses or to make any modifications to the Facility design or the Facility to enable the Facility to provide any such additional ancillary services, and any modifications to this Agreement to accommodate the same shall be subject to the approval of both Parties.

3.5 **Resource Adequacy Failure.** Subject to Section 19.12:

(a) **RA Deficiency Determination.** For each RA Shortfall Month Seller shall pay to Buyer the RA Deficiency Amount as liquidated damages and/or provide Replacement RA, as set forth in Section 3.5(b), as the sole remedy for the Capacity Attributes that Seller failed to convey to Buyer.

(b) **RA Deficiency Amount Calculation.** For each RA Shortfall Month, Seller shall pay to Buyer an amount (the "**RA Deficiency Amount**") equal to the product of the difference, expressed in kW, of (i) the Qualifying Capacity of the Facility (or, if applicable, during the period between the RA Guarantee Date and the Effective FCDS Date, the Guaranteed Capacity), minus (ii) the Net Qualifying Capacity of the Facility, multiplied by the price for CPM Capacity as listed in Section 43A.7.1 of the CAISO Tariff (or its successor) ("**CPM Price**"); *provided* that Seller may, as an alternative to paying some or all of the RA Deficiency Amounts, provide Replacement RA in the amount of (X) the Qualifying Capacity of the Facility with respect to such month, minus (Y) the Net Qualifying Capacity of the Facility with respect to such month, not to exceed ten percent (10%) of the Qualifying Capacity amount in any such Shortfall Month, and provided that any Replacement RA capacity is communicated by Seller to Buyer with Replacement RA product information in a written Notice substantially in the form of Exhibit M at least fifty (50) Business Days before the applicable Showing Month for the purpose of monthly RA reporting.

(c) [REDACTED]



[REDACTED]

3.6 **Compliance Expenditure Cap.** If a change in Laws occurring after the Effective Date would increase Seller’s cost to comply with any of Seller’s obligations under this Agreement with respect to obtaining, maintaining, conveying, or effectuating Buyer’s use of, any Capacity Attributes, then the Parties agree that the maximum aggregate amount of costs and expenses Seller shall be required to bear during the Delivery Term to comply with all of such obligations shall be capped at Twenty-Five Thousand Dollars (\$25,000) per MW of Guaranteed Capacity (“**Compliance Expenditure Cap**”).

(a) Any actions required for Seller to comply with its obligations set forth in the first paragraph above, the cost of which will be included in the Compliance Expenditure Cap, shall be referred to collectively as the “**Compliance Actions**”; *provided*, Compliance Actions shall not require Seller to install any additional MW or MWh of energy storage or generation capacity as a result of any change in Laws occurring after the Effective Date with respect to obtaining, maintaining, conveying, or effectuating Buyer’s use of, any Capacity Attributes.

(b) If Seller reasonably anticipates the need to incur out-of-pocket expenses in excess of the Compliance Expenditure Cap in order to take any Compliance Action Seller shall provide Notice to Buyer of such anticipated out-of-pocket expenses.

(c) Buyer will have sixty (60) days to evaluate such Notice (during which time period Seller is not obligated to take any Compliance Actions described in the Notice) and shall, within such time, either (1) agree to reimburse Seller for all or some portion of the costs that exceed the Compliance Expenditure Cap (such Buyer-agreed upon costs, the “**Accepted Compliance Costs**”), or (2) waive Seller’s obligation to take such Compliance Actions, or any part thereof for which Buyer has not agreed to reimburse Seller. If Buyer does not respond to a Notice given by Seller under this Section 3.6 within sixty (60) days after Buyer’s receipt of same, Buyer shall be deemed to have waived its rights to require Seller to take the Compliance Actions that are the subject of the Notice, and Seller shall have no further obligation to take, and no liability for any failure to take, these Compliance Actions for the remainder of the Term.

(d) If Buyer agrees to reimburse Seller for the Accepted Compliance Costs, then Seller shall take such Compliance Actions covered by the Accepted Compliance Costs as agreed upon by the Parties and Buyer shall reimburse Seller for Seller’s actual costs to effect the Compliance Actions, not to exceed the Accepted Compliance Costs, within sixty (60) days from the time that Buyer receives an invoice and documentation of such costs from Seller.

3.7 **Facility Configuration.** In order to optimize the benefits of the Facility, Buyer and Seller each agree that if requested by the other Party, Buyer and Seller will discuss in good faith potential reconfiguration of the Facility or Interconnection Facilities; *provided*, neither Party

shall be obligated to agree to any changes under this Agreement, or to incur any expense in connection with such changes, except under terms mutually acceptable to both Parties as set forth in a written agreement.

#### **ARTICLE 4 OBLIGATIONS AND DELIVERIES**

4.1 **Delivery.** Subject to the provisions of this Agreement, commencing on the Commercial Operation Date through the end of the Contract Term, Seller shall supply and deliver the Product to Buyer at the Delivery Point, and Buyer shall take delivery of the Product at the Delivery Point in accordance with the terms of this Agreement. Seller will be responsible for paying or satisfying when due any costs or charges imposed in connection with the delivery of Facility Energy from the Facility to the Delivery Point, including without limitation Station Use (which shall not be served from the Facility, Charging Energy or Facility Energy), and any operation and maintenance charges imposed by the Transmission Provider directly on Seller under Seller’s Interconnection Agreement. Buyer shall be responsible for all costs, charges and penalties, if any, imposed in connection with the delivery of Facility Energy at and after the Delivery Point, including without limitation transmission costs and transmission line losses and imbalance charges. The Facility Energy will be scheduled to the CAISO by Buyer in accordance with Exhibit D. Buyer shall reasonably cooperate with Seller to (a) allow Seller to install on-Site renewable energy generation (or other on-Site generation for the limited purpose of back-up generation when any such renewable energy source cannot operate) for the sole purpose of serving Station Use, and/or (b) provide data required as the Facility’s SC pursuant to the Facility’s electrical utility’s Schedule SPESD (or successor tariff) for providing electricity for Station Use, in each case at Seller’s sole cost and expense, it being acknowledged that Seller remains solely responsible for obtaining and paying for Station Use, and under no circumstances shall Buyer be liable for any costs associated with, or providing electricity for, Station Use.

4.2 **[Intentionally Omitted]**

4.3 **Performance Guarantees; Ancillary Services.**

(a) During the Delivery Term, the Facility shall maintain an Annual Capacity Availability during each Contract Year of no less than ninety-eight percent (98%) (the “**Guaranteed Capacity Availability**”), which Annual Capacity Availability shall be calculated in accordance with Exhibit P.

(b) During the Delivery Term, the Facility shall maintain an Efficiency Rate of no less than Guaranteed Efficiency Rate. The Guaranteed Capacity Availability and Guaranteed Efficiency Rate are collectively the “**Performance Guarantees**”.

(c) Buyer’s remedies for Seller’s failure to achieve the Performance Guarantees are (i) the Monthly Capacity Payment adjustment and/or Capacity Availability Payment True-up, as applicable, as set forth in Exhibit C, and (ii) in the case of a Seller Event of Default as set forth in Section 11.1(b)(iii) with respect to the Guaranteed Capacity Availability, the applicable remedies set forth in Article 11.

(d) Seller shall operate and maintain the Facility throughout the Term so as to be able provide the Ancillary Services in accordance with the specifications set forth in the Facility's CAISO Certification associated with the Installed Capacity. To the extent the Facility is unable or otherwise fails to provide Ancillary Services for any reason not excused hereunder during any Settlement Interval that is not otherwise deemed an Unavailable Settlement Interval, then as exclusive remedies the Storage Capability for such Settlement Interval shall be deemed reduced for purposes of calculating the YTD Annual Capacity Availability to the extent of such inability or failure multiplied by fifty percent (50%), and Seller shall reimburse Buyer for any CAISO charges or penalties arising from the failure to provide such Ancillary Services. For illustrative purposes only and without limiting other possible scenarios, with respect to calculating the YTD Annual Capacity Availability pursuant to the foregoing sentence, if the Facility is sixty-five percent (65%) available during a given Settlement Interval, and during that Settlement Interval such otherwise available portion of the Facility is unable or otherwise fails to provide the scheduled Ancillary Services for any reason not excused hereunder, then the Storage Capability for such Settlement Interval shall be further reduced from a thirty-five percent (35%) Unavailable Settlement Interval by an additional thirty-two and one-half percent (32.5%) (i.e., 65% x 50%) for a total of sixty-seven and one-half percent (67.5%) Unavailable Settlement Interval.

#### 4.4 **Facility Testing.**

(a) **Capacity Tests.** Prior to the Commercial Operation Date, Seller shall schedule and complete a Commercial Operation Capacity Test, which Capacity Test shall be used to determine the initial Installed Capacity and initial Efficiency Rate, all in accordance with Exhibit O. Thereafter, Seller shall have the right to run (and Buyer the right to require Seller to perform) additional Capacity Tests in accordance with Exhibit O.

(i) Buyer shall have the right to send one or more representative(s) to, be present at the Site (or such other location from which Seller monitors and controls the Facility) during all Capacity Tests, subject in all cases to applicable NERC requirements and other applicable Laws.

(ii) Following each Capacity Test, Seller shall submit a testing report in accordance with Exhibit O. If the actual capacity or efficiency determined pursuant to a Capacity Test varies from the then-effective Effective Capacity or Efficiency Rate, as applicable, then the effective capacity and/or efficiency rate, as applicable, determined pursuant to such Capacity Test shall become the new Effective Capacity and/or Efficiency Rate at the beginning of the day following the completion of the test for all purposes under this Agreement.

(b) **Additional Testing.** Seller shall, at times and for durations reasonably agreed to by Buyer, conduct necessary testing to ensure the Facility is functioning properly and the Facility is able to respond to Buyer or CAISO dispatch instructions.

(c) **Buyer or Seller Tests.** Any testing of the Facility requested by Buyer after the Commercial Operation Capacity Tests shall be deemed Buyer-instructed dispatches of the Facility ("**Buyer Dispatched Test**"). Any other test of the Facility (including all tests conducted prior to Commercial Operation, any Commercial Operation Capacity Tests, any Capacity Test

conducted if the Effective Capacity immediately prior to such Capacity Test is below seventy percent (70%) of the Installed Capacity, any test required by CAISO (including any test required to obtain CAISO Certification), and other Seller-requested discretionary tests or dispatches, at times and for durations reasonably agreed to by Buyer, that Seller deems necessary for purposes of reliably operating or maintaining the Facility or for re-performing a required test within a reasonable number of days of the initial required test (considering the circumstances that led to the need for a retest)) shall be deemed a “**Seller Initiated Test**”.

#### 4.5 **Testing Costs and Revenues.**

(a) Buyer shall be responsible for all Charging Energy and shall be entitled to all CAISO revenues associated with a Buyer Dispatched Test. Seller shall be responsible for all Charging Energy and shall be entitled to all CAISO revenues associated with a Seller Initiated Test. Buyer shall pay to Seller, in the month following Buyer’s receipt of such CAISO revenues and otherwise in accordance with Exhibit C, all applicable CAISO revenues received by Buyer and associated with the Facility Energy during such Seller Initiated Test.

(b) Buyer shall be responsible for all costs, expenses and fees payable or reimbursable to its representative(s) witnessing any Facility test.

(c) Except as set forth in Sections 4.5(a) and (b), all other costs of any testing of the Facility shall be borne by Seller.

#### 4.6 **Facility Operations.**

(a) Seller shall operate the Facility in accordance with Prudent Operating Practices.

(b) Seller shall, subject to the Operating Restrictions, operate the Facility to follow all AGC as may be required by the CAISO Tariff.

(c) Seller shall maintain a daily operations log for the Facility which shall include but not be limited to information on Energy charging and discharging, electricity consumption and efficiency (if applicable), availability, outages, changes in operating status, inspections and any other significant events related to the operation of the Facility. Information maintained pursuant to this Section 4.6(b) shall be provided to Buyer within fifteen (15) days of Buyer’s request.

(d) Seller shall maintain accurate records with respect to all Capacity Tests.

(e) Seller shall maintain and make available to Buyer records, including logbooks, demonstrating that the Facility is operated in accordance with Prudent Operating Practices. Seller shall comply with all reporting requirements and permit on-site audits, investigations, tests and inspections permitted or required under any Prudent Operating Practices.

4.7 **Dispatch Notice Requests.** Buyer will have the right to instruct Seller to dispatch the Facility seven days per week and 24 hours per day (including holidays), by providing Dispatch

Notices and Updated Dispatch Notices to Seller electronically (in the forms attached to this Agreement in Exhibit G or other forms reasonably requested by Buyer) or as directed by CAISO via ADS, and subject to the requirements and limitations set forth in this Agreement, including the Operating Restrictions. Subject to the Operating Restrictions, each Dispatch Notice will be effective unless and until Buyer or its SC modifies such Dispatch Notice by providing Seller with an Updated Dispatch Notice. If an electronic submittal is not possible for reasons beyond Buyer's control, Buyer may provide Dispatch Notices by (in order of preference) telephonically or electronic mail to Seller's personnel designated to receive such communications, as provided by Seller in writing. In addition to any other requirements set forth or referred to in this Agreement, all Dispatch Notices and Updated Dispatch Notices will be made in accordance with Market Notice Timelines as specified in the CAISO Tariff.

#### 4.8 **CAISO and Non-Buyer Dispatches.**

(a) **CAISO Dispatch.** Any dispatch by the CAISO for any reason, whether pursuant to an RMR Contract or in connection with any Seller's must-offer obligations, Facility Energy dispatches, Ancillary Services dispatches or otherwise, shall be deemed to be dispatches by Buyer, and the Facility Energy dispatched is for Buyer's benefit hereunder, and Buyer shall pay all associated costs for such CAISO dispatches (including but not limited to the required electric recharge quantities) in accordance with the terms of this Agreement as if such dispatches were directed by Buyer. Buyer shall be entitled to receive and retain for its own account any and all CAISO revenue for such dispatches, including without limitation any availability payments under an RMR Contract for the Facility.

(b) **Non-Buyer Dispatch.** During the Term and subject to Section 4.15, Seller shall not dispatch the Facility other than (a) as dispatched by Buyer or the CAISO or (b) pursuant to a Non-Buyer Dispatch. Seller shall, to the extent possible, notify Buyer at least twenty-four (24) hours (or any shorter period reasonably acceptable to Buyer consistent with Prudent Operating Practices) in advance of any dispatch pursuant to a Non-Buyer Dispatch, and shall, except as otherwise required by applicable Laws, delay such dispatch for a reasonable period of time if requested by Buyer.

#### 4.9 **Charging Energy Management.**

(a) Except as expressly set forth in this Agreement, during the Delivery Term, Buyer shall be responsible for managing, purchasing, scheduling, and transporting all of the Charging Energy to the Delivery Point.

(b) Upon receipt of a valid Charging Notice, Seller shall take any and all action necessary to accept the Charging Energy at the Delivery Point and to deliver the Charging Energy from the Delivery Point to the Facility in order to provide the Product in accordance with the terms of this Agreement, including maintenance, repair or replacement of equipment in Seller's possession or control used to deliver the Charging Energy from the Delivery Point to the Facility.

(c) Buyer will have the right to charge the Facility seven (7) days per week and twenty-four (24) hours per day (including holidays), by providing Charging Notices to Seller

electronically, provided, that Buyer's right to issue Charging Notices is subject to the requirements and limitations set forth in this Agreement, including the Operating Restrictions. Each Charging Notice issued in accordance with this Agreement will be effective unless and until Buyer modifies such Charging Notice by providing Seller with an updated Charging Notice.

(d) Subject to Section 4.15, Seller shall not charge the Facility during the Delivery Term other than pursuant to a valid Charging Notice, or in connection with a Seller Initiated Test, or pursuant to a notice from CAISO, the Transmission Provider, or any other Governmental Authority. If, during the Delivery Term, Seller charges the Facility in violation of the first sentence of this Section 4.79(d), then (i) Seller shall be responsible for all energy costs associated with such charging of the Facility, (ii) Buyer shall not be required to pay for such charging energy, and (iii) Buyer shall be entitled to discharge such energy and entitled to all of the benefits (including Product) associated with such discharge.

(e) Notwithstanding anything in this Agreement to the contrary, during any Settlement Interval, Curtailment Orders applicable to such Settlement Interval shall have priority over any Charging Notices and Dispatch Notices applicable to such Settlement Interval, and Seller shall have no liability for violation of this Section 4.79 or any Charging Notice or Dispatch Notice if and to the extent such violation is caused by Seller's compliance with any Curtailment Order or other instruction or direction from a Governmental Authority or the Transmission Provider. Buyer shall have the right, but not the obligation, to provide Seller with updated Charging Notices and Dispatch Notices during any Curtailment Order consistent with the operational procedures.

4.10 **Daily Capacity Availability Notice.** During the Delivery Term, no later than two (2) Business Days before each schedule day for the Day-Ahead Market in accordance with WECC scheduling practices, Seller shall provide Buyer with an hourly schedule of the Available Capacity (for providing both Facility Energy and Ancillary Services) that the Facility is expected to have for each hour of such schedule day (the "**Availability Notice**"). Seller shall notify Buyer immediately with an updated Availability Notice if the Available Capacity of the Facility changes or is expected to change after Buyer's receipt of an Availability Notice. Seller shall accommodate Buyer's reasonable requests for changes in the time of delivery of Availability Notices. Seller shall provide Availability Notices (including updated Availability Notices) using the form attached in Exhibit T, or other form as reasonably requested by Buyer, by (in order of preference) electronic mail or telephonically to Buyer personnel or its Scheduling Coordinator designated to receive such communications.

4.11 **Daily Operating Report.** Upon Buyer's request, Seller shall, on each day immediately after each operating day, provide Buyer an operating report for the Facility substantially in the form attached in Exhibit S (the "**Daily Operating Report**").

4.12 **Outages.**

(a) **Planned Outages.**

(i) No later than January 15, April 15, July 15 and October 15 of each Contract Year, and at least sixty (60) days prior to the Guaranteed Commercial Operation Date,

Seller shall submit to Buyer Seller's schedule of proposed Planned Outages ("**Outage Schedule**") for the following twelve (12)-month period in a form reasonably agreed to by Buyer. Within twenty (20) Business Days after its receipt of an Outage Schedule, Buyer shall give Notice to Seller of any reasonable request for changes to the Outage Schedule, and Seller shall, consistent with Prudent Operating Practices, accommodate Buyer's reasonable requests regarding the timing of any Planned Outage. Seller may propose changes to any previously Planned Outage fifteen (15) days prior to such Planned Outage. Buyer shall review each such change and shall advise Seller within three (3) days of Buyer's receipt thereof, in Buyer's sole discretion but consistent with Prudent Operating Practices, whether such change is acceptable or Buyer may propose alternate dates for the requested scheduled maintenance. Seller shall cooperate with Buyer to arrange and coordinate all Planned Outages with the CAISO. Seller will communicate to Buyer all changes to a Planned Outage and estimated time of return of the Facility as soon as practicable after the condition causing the change becomes known to Seller.

(ii) If reasonably required in accordance with Prudent Operating Practices, Seller may perform maintenance at a different time than maintenance scheduled pursuant to Section 4.12(a)(i). Seller shall provide Notice to Buyer within the time period determined by the CAISO for the Facility, as a Resource Adequacy Resource that is subject to the Availability Standards, to qualify for an "Approved Maintenance Outage" under the CAISO Tariff (or such shorter period as may be reasonably acceptable to Buyer based on the likelihood of dispatch by Buyer), and Seller shall use commercially reasonable efforts to limit maintenance repairs performed pursuant to this Section 4.12(a) to periods when Buyer does not reasonably believe the Facility will be dispatched.

(b) **No Planned Outages During Summer Months.** Except as scheduled by the Parties under Section 4.12(a)(ii), no outages shall be scheduled or planned from each June 1 through October 31 during the Delivery Term, unless approved by Buyer in writing in its sole discretion. In the event that Seller has a previously Planned Outage that becomes coincident with a System Emergency, Seller shall make all reasonable efforts to reschedule such Planned Outage.

(c) **Notice of Unplanned Outages.** Seller shall notify Buyer by telephoning Buyer's Scheduling Coordinator no later than ten (10) minutes following the occurrence of an Unplanned Outage, or if Seller has knowledge that an Unplanned Outage will occur, within twenty (20) minutes of determining that such Unplanned Outage will occur. Seller shall relay outage information to Buyer as required by the CAISO Tariff within twenty (20) minutes of the Unplanned Outage. Seller will communicate to Buyer the estimated time of return of the Facility as soon as practical after Seller has knowledge thereof.

(d) **Inspection.** In the event of an Unplanned Outage, Buyer shall have the option to inspect the Facility and all records relating thereto on any Business Day and at a reasonable time and Seller shall reasonably cooperate with Buyer during any such inspection. Buyer shall comply with Seller's safety and security rules and instructions during any inspection, and shall not interfere with work on or operation of the Facility.

(e) **Reports of Outages.** Seller shall promptly prepare and provide to Buyer, all reports of Unplanned Outages or Planned Outages that Buyer may reasonably require for the

purpose of enabling Buyer to comply with CAISO requirements or any Applicable Laws. Seller shall also report all Unplanned Outages or Planned Outages in the Daily Operating Report.

4.13 **Seller Guarantor Financial Statements.** In the event a Guaranty is provided as Performance Security in lieu of cash or a Letter of Credit, Seller shall provide to Buyer, or cause the Guarantor to provide to Buyer, unaudited quarterly and annual audited financial statements of the Guarantor (including a balance sheet and statements of income and cash flows), all prepared in accordance with generally accepted accounting principles in the United States, consistently applied.

4.14 **Buyer Financial Statements.** Buyer shall provide to Seller both upon request and as indicated below: (a) within forty-five (45) days following the end of its first, second and third fiscal quarters, unaudited quarterly financial statements of Buyer prepared in accordance with generally accepted accounting principles in the United States, consistently applied; (b) within one hundred eighty (180) days following the end of each fiscal year, annual audited financial statements of Buyer prepared in accordance with generally accepted accounting principles in the United States, consistently applied; (c) as available, Buyer's annual report; (d) committed, unused bank line of credit as of the end of each fiscal quarter; (e) reporting on total customer load and count during the prior fiscal quarter as may be reasonably requested by Seller's financing parties; and (f) other financial and operational information for the prior fiscal quarter as may be reasonably requested by Seller's financing parties.

4.15 **Operating Deviations.** If Seller or any third party charges, discharges or otherwise uses the Facility other than as permitted hereunder, it shall be a breach by Seller and Seller shall hold Buyer harmless from and indemnify Buyer against all actual costs or losses associated therewith, and be responsible to Buyer for any damages arising therefrom and, if Seller fails to implement procedures reasonably acceptable to Buyer mutually agreeable to the Parties in their reasonable discretion to prevent any further occurrences of the same, then it shall be an Event of Default under Article 11; *provided*, Operating Deviations that occur during charging or discharging of the Facility pursuant to a valid Charging Notice or Dispatch Notice shall not be considered breaches hereunder by Seller, and a Capacity Payment adjustment in accordance with Exhibit C shall be Buyer's sole remedy therefor.

## ARTICLE 5 TAXES, GOVERNMENTAL AND ENVIRONMENTAL COSTS

5.1 **Allocation of Taxes and Charges.** Seller shall pay or cause to be paid all Taxes on or with respect to the Facility or on or with respect to the sale and making available of Product to Buyer, that are imposed on Product prior to its delivery to Buyer at the time and place contemplated under this Agreement. Buyer shall pay or cause to be paid all Taxes on or with respect to the delivery to and purchase by Buyer of Product that are imposed on Product at and after its delivery to Buyer at the time and place contemplated under this Agreement (other than withholding or other Taxes imposed on Seller's income, revenue, receipts or employees). If a Party is required to remit or pay Taxes that are the other Party's responsibility hereunder, such Party shall promptly pay the Taxes due and then seek and receive reimbursement from the other for such Taxes. In the event any sale of Product hereunder is exempt from or not subject to any



particular Tax, Buyer shall provide Seller with all necessary documentation within thirty (30) days after the Effective Date to evidence such exemption or exclusion. If Buyer does not provide such documentation, then Buyer shall indemnify, defend, and hold Seller harmless from any liability with respect to Taxes from which Buyer claims it is exempt.

5.2 **Cooperation.** Each Party shall use reasonable efforts to implement the provisions of and administer this Agreement in accordance with the intent of the Parties to minimize all Taxes, so long as no Party is materially adversely affected by such efforts. The Parties shall cooperate to minimize Tax exposure; *provided*, neither Party shall be obligated to incur any financial or operational burden to reduce Taxes for which the other Party is responsible hereunder without receiving due compensation therefor from the other Party. All Product delivered by Seller to Buyer hereunder shall be a sale made at wholesale, with Buyer reselling such Product.

5.3 **Environmental Costs.** Seller shall be solely responsible for:

(a) All Environmental Costs; excluding, however, environmental related costs of any type arising out of or related to Charging Energy or Facility Energy where such costs are assessed or arise at, or on the grid side of, the Delivery Point, all of which costs shall (as between Seller and Buyer) be the sole responsibility of Buyer;

(b) All taxes, charges or fees imposed on the Facility or Seller by a Governmental Authority for Greenhouse Gas emitted by or attributable to the Facility during the Delivery Term;

(c) Seller's obligations listed under "Compliance Obligation" in the GHG Regulations, and

(d) All other costs associated with the implementation and regulation of Greenhouse Gas emissions (whether in accordance with the California Global Warming Solutions Act of 2006, Assembly Bill 32 (2006) and the regulations promulgated thereunder, including the GHG Regulations, or any other federal, state or local legislation to offset or reduce any Greenhouse Gas emissions implemented and regulated by a Governmental Authority) with respect to the Facility and/or Seller, excluding costs allocated to Buyer under Section 5.3(a).

## **ARTICLE 6 MAINTENANCE AND REPAIR OF THE FACILITY**

6.1 **Maintenance of the Facility.**

(a) Seller shall inspect, maintain and repair the Facility, and any portion thereof, in accordance with applicable Prudent Operating Practices. Seller shall maintain and deliver maintenance and repair records of the Facility to Buyer's scheduling representative upon request.

(b) Subject to Article 10 and the other provision hereof, Seller shall promptly make all necessary repairs to the Facility, and any portion thereof, and take all actions necessary

in order to provide the Product to Buyer in accordance with the terms of this Agreement (and, at a minimum, the Performance Guarantees, in accordance with Section 4.3).

6.2 **Maintenance of Health and Safety.** Seller shall take reasonable safety precautions with respect to the operation, maintenance, repair and replacement of the Facility. If Seller becomes aware of any circumstances relating to the Facility that create an imminent risk of damage or injury to any Person or any Person's property, Seller shall take prompt, reasonable action to prevent such damage or injury and shall give Buyer's emergency contact identified on Exhibit N Notice of such condition. Such action may include disconnecting and removing all or a portion of the Facility, or suspending the supply of Facility Energy to the Delivery Point.

6.3 **Shared Facilities.** The Parties acknowledge and agree that certain of the Shared Facilities and Interconnection Facilities, and Seller's rights and obligations under the Interconnection Agreement, may be subject to certain shared facilities and/or co-tenancy agreements to be entered into among Seller, the Transmission Provider, Seller's Affiliates, and/or third parties pursuant to which certain Interconnection Facilities may be subject to joint ownership and shared maintenance and operation arrangements; *provided*, such agreements (i) shall permit Seller to perform or satisfy, and shall not purport to limit, its obligations hereunder, and (ii) provide for separate metering of the Facility.

## **ARTICLE 7 METERING**

7.1 **Metering.** Seller shall measure the amount of Charging Energy and Facility Energy using the Facility Meters, which will be subject to adjustment in accordance with applicable CAISO meter requirements and Prudent Operating Practices, including to account for Electrical Losses and Station Use. All Facility Meters will be operated pursuant to applicable CAISO-approved calculation methodologies and maintained as Seller's cost. Subject to meeting any applicable CAISO requirements, the Facility Meters shall be programmed to adjust for all losses from such Facility Meter to the Delivery Point in a manner subject to Buyer's prior written approval, not to be unreasonably withheld. Metering will be consistent with the Metering Diagram set forth as Exhibit R. Each meter shall be kept under seal, such seals to be broken only when the Facility Meters are to be tested, adjusted, modified or relocated. In the event Seller breaks a seal, Seller shall notify Buyer as soon as practicable. In addition, Seller hereby agrees to provide all Facility Meter data to Buyer in a form reasonably acceptable to Buyer, and consents to Buyer obtaining from CAISO the CAISO meter data directly relating to the Facility and all inspection, testing and calibration data and reports. Seller shall provide real-time Facility Meter readings through a CSV file delivered to Buyer's File Transfer Protocol (FTP) site every five minutes or through another means acceptable to Buyer. Seller and Buyer, or Buyer's Scheduling Coordinator, shall cooperate to allow both Parties to retrieve the Facility Meter reads from the CAISO Market Results Interface-Settlement (MRI-S) System web and/or directly from the Facility Meters.

7.2 **Meter Verification.** Annually, if Seller has reason to believe there may be a Facility Meter malfunction, or upon Buyer's reasonable request, Seller shall test the Facility Meter. The tests shall be conducted by independent third parties qualified to conduct such tests. Buyer shall be notified seven (7) days in advance of such tests and have a right to be present during such

tests. If a Facility Meter is inaccurate it shall be promptly repaired or replaced. If a meter is inaccurate by more than one percent (1%) and it is not known when the Facility Meter inaccuracy commenced (if such evidence exists such date will be used to adjust prior invoices between Buyer and Seller (as applicable)), then the invoices covering the period of time since the last Facility Meter test shall be adjusted for the amount of the inaccuracy on the assumption that the inaccuracy persisted during one-half of such period if such adjustments are accepted by CAISO; *provided*, such period may not exceed twelve (12) months.

## **ARTICLE 8 INVOICING AND PAYMENT; CREDIT**

8.1 **Invoicing.** Seller shall use commercially reasonable efforts to deliver an invoice to Buyer for Product no later than the tenth (10<sup>th</sup>) day of each month for the previous calendar month. Each invoice shall reflect (a) records of metered data, including (i) CAISO metering and transaction data sufficient to document and verify the amount of Product delivered by the Facility for any Settlement Period during the preceding month, including the amount of Charging Energy and the amount of Facility Energy, in each case as read by the Facility Meter, and the amount of Replacement RA delivered to Buyer (if any) and (ii) data showing a calculation of the Capacity Payment and other relevant data for the prior month; (b) access to any records, including invoices or settlement data from the CAISO, necessary to verify the accuracy of any amount; and (c) be in a format reasonably specified by Buyer, covering the services provided in the preceding month determined in accordance with the applicable provisions of this Agreement. Buyer shall, and shall cause its Scheduling Coordinator to, provide Seller with all reasonable access (including, in real time, to the maximum extent reasonably possible) to any records, including invoices or settlement data from the CAISO, forecast data and other information, all as may be necessary from time to time for Seller to prepare and verify the accuracy of all invoices.

8.2 **Payment.** Buyer shall make payment to Seller of Capacity Payments for Product (and any other amounts due) by wire transfer or ACH payment to the bank account provided on each monthly invoice. Buyer shall pay undisputed invoice amounts by the later of (a) ten (10) Business Days after Buyer's receipt of the invoice from Seller, and (b) the thirtieth (30<sup>th</sup>) day of the month after the operational month for which such invoice was rendered; *provided*, if such due date falls on a weekend or legal holiday, such due date shall be the next Business Day. Payments made after the due date will be considered late and will bear interest on the unpaid balance. If the amount due is not paid on or before the due date or if any other payment that is due and owing from one Party to another is not paid on or before its applicable due date, a late payment charge shall be applied to the unpaid balance and shall be added to the next billing statement. Such late payment charge shall be calculated based on an annual Interest Rate equal to the prime rate published on the date of the invoice in The Wall Street Journal (or, if The Wall Street Journal is not published on that day, the next succeeding date of publication), plus two percent (2%) (the "**Interest Rate**"). If the due date occurs on a day that is not a Business Day, the late payment charge shall begin to accrue on the next succeeding Business Day.

8.3 **Books and Records.** To facilitate payment and verification, each Party shall maintain all books and records necessary for billing and payments, including copies of all invoices under this Agreement, for a period of at least two (2) years or as otherwise required by Law. Upon

fifteen (15) days' Notice to the other Party, either Party shall be granted reasonable access to the accounting books and records within the possession or control of the other Party pertaining to all invoices generated pursuant to this Agreement.

8.4 **Payment Adjustments; Billing Errors.** Payment adjustments shall be made if Buyer or Seller discovers there have been good faith inaccuracies in invoicing that are not otherwise disputed under Section 8.5 or an adjustment to an amount previously invoiced or paid is required due to a correction of data by the CAISO, or there is determined to have been a Facility Meter inaccuracy sufficient to require a payment adjustment. If the required adjustment is in favor of Buyer, Buyer's next monthly payment shall be credited in an amount equal to the adjustment. If the required adjustment is in favor of Seller, Seller shall add the adjustment amount to Buyer's next monthly invoice. Adjustments in favor of either Buyer or Seller shall bear interest, until settled in full, in accordance with Section 8.2, accruing from the date on which the adjusted amount should have been due.

8.5 **Billing Disputes.** A Party may, in good faith, dispute the correctness of any invoice or any adjustment to an invoice rendered under this Agreement or adjust any invoice for any arithmetic or computational error within twelve (12) months of the date the invoice, or adjustment to an invoice, was rendered. In the event an invoice or portion thereof, or any other claim or adjustment arising hereunder, is disputed, payment of the undisputed portion of the invoice shall be required to be made when due. Any invoice dispute or invoice adjustment shall be in writing and shall state the basis for the dispute or adjustment. Payment of the disputed amount shall not be required until the dispute is resolved. Upon resolution of the dispute, any required payment shall be made within five (5) Business Days of such resolution along with interest accrued at the Interest Rate from and including the original due date to but excluding the date paid. Inadvertent overpayments shall be returned via adjustments in accordance with Section 8.4. Any dispute with respect to an invoice is waived if the other Party is not notified in accordance with this Section 8.5 within twelve (12) months after the invoice is rendered or subsequently adjusted, except to the extent any misinformation was from a third party not affiliated with any Party and such third party corrects its information after the twelve-month period. If an invoice is not rendered within twelve (12) months after the close of the month during which performance occurred, the right to payment for such performance is waived.

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

8.7 **Seller's Development Security.** To secure its obligations under this Agreement, Seller shall deliver the Development Security to Buyer within thirty (30) days after the Effective Date. Seller shall maintain the Development Security in full force and effect. Upon the earlier of (i) Seller's delivery of the Performance Security, or (ii) sixty (60) days after termination of this

Agreement, Buyer shall return the Development Security to Seller, less the amounts drawn in accordance with this Agreement.

8.8 **Seller's Performance Security**. To secure its obligations under this Agreement, Seller shall deliver Performance Security to Buyer on or before the Commercial Operation Date. If the Performance Security is not in the form of cash or Letter of Credit, it shall be substantially in the form set forth in Exhibit L. Seller shall maintain the Performance Security in full force and effect, and Seller shall within ten (10) Business Days after any draw thereon replenish the Performance Security in the event Buyer collects or draws down any portion of the Performance Security for any reason permitted under this Agreement other than to satisfy a Termination Payment, until the following have occurred: (a) the Delivery Term has expired or terminated early; and (b) all payment obligations of Seller due and payable under this Agreement, including compensation for penalties, Termination Payment, indemnification payments or other damages are paid in full (whether directly or indirectly such as through set-off or netting). Following the occurrence of both events, Buyer shall promptly return to Seller the unused portion of the Performance Security.

8.9 **First Priority Security Interest in Cash or Cash Equivalent Collateral**. To secure its obligations under this Agreement, and until released as provided herein, Seller hereby grants to Buyer a present and continuing first-priority security interest ("**Security Interest**") in, and lien on (and right to net against), and assignment of the Development Security, Performance Security, any other cash collateral and cash equivalent collateral posted pursuant to Sections 8.7 and 8.8 and any and all interest thereon or proceeds resulting therefrom or from the liquidation thereof, whether now or hereafter held by, on behalf of, or for the benefit of Buyer, and Seller agrees to take all action as Buyer reasonably requires in order to perfect Buyer's Security Interest in, and lien on (and right to net against), such collateral and any and all proceeds resulting therefrom or from the liquidation thereof.

Upon or any time after the occurrence of an Event of Default caused by Seller, an Early Termination Date resulting from an Event of Default caused by Seller, or an occasion provided for in this Agreement where Buyer is authorized to retain all or a portion of the Development Security or Performance Security, Buyer may do any one or more of the following (in each case subject to the final sentence of this Section 8.9):

(a) Exercise any of its rights and remedies with respect to the Development Security and Performance Security, including any such rights and remedies under Law then in effect;

(b) Draw on any outstanding Letter of Credit issued for its benefit and retain any cash held by Buyer as Development Security or Performance Security; and

(c) Liquidate all Development Security or Performance Security (as applicable) then held by or for the benefit of Buyer free from any claim or right of any nature whatsoever of Seller, including any equity or right of purchase or redemption by Seller.

Buyer shall apply the proceeds of the collateral realized upon the exercise of any such rights or

remedies to reduce Seller's obligations under this Agreement (Seller remains liable for any amounts owing to Buyer after such application), subject to Buyer's obligation to return any surplus proceeds remaining after these obligations are satisfied in full.

## **ARTICLE 9 NOTICES**

9.1 **Addresses for the Delivery of Notices.** Any Notice required, permitted, or contemplated hereunder shall be in writing, shall be addressed to the Party to be notified at the address set forth on Exhibit N or at such other address or addresses as a Party may designate for itself from time to time by Notice hereunder. In documenting and confirming Dispatch Notices and Updated Dispatch Notices, conversations between the Parties' personnel and contractors may be recorded by tape or other electronic means and any such recording will satisfy any "writing" requirements under applicable Laws.

9.2 **Acceptable Means of Delivering Notice.** Each Notice required, permitted, or contemplated hereunder shall be deemed to have been validly served, given or delivered as follows: (a) if sent by United States mail with proper first class postage prepaid, three (3) Business Days following the date of the postmark on the envelope in which such Notice was deposited in the United States mail; (b) if sent by a regularly scheduled overnight delivery carrier with delivery fees either prepaid or an arrangement with such carrier made for the payment of such fees, the next Business Day after the same is delivered by the sending Party to such carrier; (c) if sent by electronic communication (including electronic mail or other electronic means) at the time indicated by the time stamp upon delivery and, if after 5 pm, on the next Business Day; or (d) if delivered in person, upon receipt by the receiving Party. Notwithstanding the foregoing, Notices of outages or other scheduling or dispatch information or requests, may be sent by electronic communication and shall be considered delivered upon successful completion of such transmission.

## **ARTICLE 10 FORCE MAJEURE**

### 10.1 **Definition.**

(a) **"Force Majeure Event"** means any act or event that delays or prevents a Party from timely performing all or a portion of its obligations under this Agreement or from complying with all or a portion of the conditions under this Agreement (or which makes any obligation(s) or condition(s) not commercially reasonable to take or satisfy under the circumstances) if such act or event, despite the exercise of commercially reasonable efforts, cannot be avoided by and is beyond the reasonable control (whether direct or indirect) of and without the fault or negligence of the Party relying thereon as justification for such delay, nonperformance, or noncompliance.

(b) Without limiting the generality of the foregoing, so long as the following events, despite the exercise of reasonable efforts, cannot be avoided by, and are beyond the reasonable control (whether direct or indirect) of and without the fault or negligence of the Party

relying thereon as justification for such delay, nonperformance or noncompliance, a Force Majeure Event may include an act of God or the elements, such as flooding, lightning, hurricanes, tornadoes, or ice storms; explosion; fire; volcanic eruption; flood; epidemic (including, without limitation, the COVID-19 pandemic, notwithstanding the foreseeability of its occurrence or delays attributable thereto as of the Effective Date); landslide; mudslide; sabotage; terrorism; earthquake; or other cataclysmic events; an act of public enemy; war; blockade; civil insurrection; riot; civil disturbance; or strikes or other labor difficulties caused or suffered by a Party or any third party except as set forth below.

(c) Notwithstanding the foregoing, the term “**Force Majeure Event**” does not include (i) economic conditions or changes in Law after the Effective Date to the extent the effect thereof is to render a Party’s performance of this Agreement at the Contract Price unprofitable or otherwise uneconomic (including an increase in components or compliance costs for any reason, including foreign or domestic tariffs, Buyer’s ability to buy Product at a lower price, or Seller’s ability to sell the Product, or any component thereof, at a higher price, than under this Agreement); (ii) Seller’s inability to obtain permits or approvals of any type for the construction, operation, or maintenance of the Facility, except to the extent such inability is caused by a Force Majeure Event; (iii) the inability of a Party to make payments when due under this Agreement, unless the cause of such inability is an event that would otherwise constitute a Force Majeure Event as described above; (iv) a Curtailment Order; (v) Seller’s inability to obtain sufficient labor, equipment, materials, or other resources to build or operate the Facility, including the lack of wind, sun or other fuel source of an inherently intermittent nature, except to the extent such inability is caused by a Force Majeure Event; (vi) a strike, work stoppage or labor dispute limited only to any one or more of Seller, Seller’s Affiliates, Seller’s contractors, their subcontractors thereof or any other third party employed by Seller to work on the Facility; (vii) any equipment failure except if such equipment failure is caused by a Force Majeure Event; or (viii) any action or inaction by any third party, including Transmission Provider, that delays or prevents the approval, construction or placement in service of any Interconnection Facilities or Network Upgrades, except to the extent caused by a Force Majeure Event.

10.2 **No Liability If a Force Majeure Event Occurs.** Except as provided in Section 4 of Exhibit B, neither Seller nor Buyer shall be liable to the other Party in the event it is prevented from performing its obligations hereunder in whole or in part due to a Force Majeure Event. The Party rendered unable to fulfill any obligation by reason of a Force Majeure Event shall take reasonable actions necessary to remove such inability with due speed and diligence. Nothing herein shall be construed as permitting that Party to continue to fail to perform after said cause has been removed. The obligation to use due speed and diligence shall not be interpreted to require resolution of labor disputes by acceding to demands of the opposition when such course is inadvisable in the discretion of the Party having such difficulty. Neither Party shall be considered in breach or default of this Agreement if and to the extent that any failure or delay in the Party’s performance of one or more of its obligations hereunder is caused by a Force Majeure Event. The occurrence and continuation of a Force Majeure Event shall not suspend or excuse the obligation of a Party to make any payments due hereunder.

10.3 **Notice.** In the event of any delay or nonperformance resulting from a Force Majeure Event, the Party suffering the Force Majeure Event shall (a) as soon as practicable, notify

the other Party in writing of the nature, cause, estimated date of commencement thereof, and the anticipated extent of any delay or interruption in performance, and (b) notify the other Party in writing of the cessation or termination of such Force Majeure Event, all as known or estimated in good faith by the affected Party; *provided, however*, that a Party's failure to give timely Notice shall not affect such Party's ability to assert that a Force Majeure Event has occurred unless the delay in giving Notice materially prejudices the other Party.

10.4 **Termination Following Force Majeure Event or Development Cure Period.**

(a) If the cumulative extensions granted under the Development Cure Period (excluding extensions granted pursuant to Section 4(d) of Exhibit B) reach the one hundred eighty (180) days cap thereon under Exhibit B ( [REDACTED] ), then either Party may terminate this Agreement upon written Notice to the other Party. Upon any such termination, neither Party shall have any liability to the other Party, save and except for those obligations specified in Section 2.1(b), and Buyer shall promptly return to Seller any Development Security then held by Buyer, less any amounts drawn in accordance with this Agreement.

(b) If a Force Majeure Event has occurred after the Commercial Operation Date that has caused either Party to be wholly or partially unable to perform its obligations hereunder in any material respect, and the impacted Party has claimed and received relief from performance of its obligations for a consecutive twelve (12) month period, then the non-claiming Party may terminate this Agreement upon written Notice to the other Party. Upon any such termination, neither Party shall have any liability to the other Party, save and except for those obligations specified in Section 2.1(b), and Buyer shall promptly return to Seller Performance Security then held by Buyer, less any amounts drawn in accordance with this Agreement.

**ARTICLE 11  
DEFAULTS; REMEDIES; TERMINATION**

11.1 **Events of Default.** An "**Event of Default**" shall mean,

(a) with respect to a Party (the "**Defaulting Party**") that is subject to the Event of Default the occurrence of any of the following:

(i) the failure by such Party to make, when due, any payment required pursuant to this Agreement and such failure is not remedied within ten (10) Business Days after Notice thereof;

(ii) any representation or warranty made by such Party herein is false or misleading in any material respect when made or when deemed made or repeated, and such default is not remedied within thirty (30) days after Notice thereof (or such longer additional period, not to exceed an additional sixty (60) days, if the Defaulting Party is unable to remedy such default within such initial thirty (30) days period despite exercising commercially reasonable efforts);

(iii) the failure by such Party to perform any material covenant or obligation set forth in this Agreement (except to the extent constituting a separate Event of Default



set forth in this Section 11.1; and except for (1) failure to provide Capacity Attributes, the exclusive remedies for which are set forth in Section 3.5, and (2) failures related to the Annual Capacity Availability that do not trigger the provisions of Section 11.1(b)(iii), the exclusive remedies for which are set forth in Exhibit C and Exhibit P) and such failure is not remedied within thirty (30) days after Notice thereof (or such longer additional period, not to exceed an additional ninety (90) days, if the Defaulting Party is unable to remedy such default within such initial thirty (30) days period despite exercising commercially reasonable efforts);

(iv) such Party becomes Bankrupt;

(v) such Party assigns this Agreement or any of its rights hereunder other than in compliance with Section 14.2 or 14.3, if applicable; or

(vi) such Party consolidates or amalgamates with, or merges with or into, or transfers all or substantially all of its assets to, another entity and, at the time of such consolidation, amalgamation, merger or transfer, the resulting, surviving or transferee entity fails to assume all the obligations of such Party under this Agreement to which it or its predecessor was a party by operation of Law or pursuant to an agreement reasonably satisfactory to the other Party.

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

(i) if at any time, Seller delivers or attempts to deliver electric energy to the Delivery Point for sale under this Agreement that was not discharged by the Facility;

(ii) the failure by Seller to achieve Commercial Operation on or before the Guaranteed Commercial Operation Date (as such date may be extended pursuant to Exhibit B), and as may be excused by Seller's payment of Commercial Operation Delay Damages pursuant to Section 2 of Exhibit B;

(iii) if, with respect to any Contract Year, the Annual Capacity Availability multiplied by the Effective Capacity of the applicable period is not at least seventy percent (70%) multiplied by the Installed Capacity, and Seller fails to (x) deliver to Buyer within ten (10) Business Days after Notice from Buyer a plan or report developed by Seller that describes the cause of the failure to meet the seventy percent (70%) multiplied by the Installed Capacity threshold, and the actions that Seller has taken, is taking, or proposes to take in an effort to cure such condition along with the written confirmation of a Licensed Professional Engineer that such plan or report is in accordance with Prudent Operating Practices and capable of cure within a reasonable period of time, not to exceed one hundred eighty (180) days ("Cure Plan") and (y) completes such Cure Plan in all material respects as set forth therein, including within the timeframe set forth therein;

(iv) failure by Seller to satisfy the collateral requirements pursuant to Sections 8.7 or 8.8 within five (5) Business Days after Notice from Buyer, including the failure to replenish the Performance Security amount in accordance with this Agreement in the event Buyer draws against it for any reason other than to satisfy a Termination Payment;

(v) with respect to any Guaranty provided for the benefit of Buyer, the failure by Seller to provide for the benefit of Buyer (1) cash, (2) a replacement Letter of Credit from an issuer meeting the criteria set forth in the definition of Letter of Credit or (3) a replacement Guarantor and Guaranty acceptable to Buyer in its sole discretion, in each case, in the amount required hereunder within ten (10) Business Days after Seller receives Notice of the occurrence of any of the following events:

(A) if any representation or warranty made by the Guarantor in connection with this Agreement is false or misleading in any material respect when made or when deemed made or repeated, and such default is not remedied within thirty (30) days after Notice thereof;

(B) the failure of the Guarantor to make any payment required or to perform any other material covenant or obligation in any Guaranty;

(C) the Guarantor becomes Bankrupt;

(D) the Guarantor shall fail to meet the criteria for an acceptable Guarantor as set forth in the definition of Guarantor;

(E) the failure of the Guaranty to be in full force and effect (other than in accordance with its terms) prior to the indefeasible satisfaction of all obligations of Seller hereunder; or

(F) the Guarantor shall repudiate, disaffirm, disclaim, or reject, in whole or in part, or challenge the validity of any Guaranty; or

(vi) with respect to any outstanding Letter of Credit provided for the benefit of Buyer that is not then required under this Agreement to be canceled or returned, the failure by Seller to provide for the benefit of Buyer either (1) cash, or (2) a substitute Letter of Credit from a different issuer meeting the criteria set forth in the definition of Letter of Credit, in each case, in the amount required hereunder within ten (10) Business Days after Seller receives Notice of the occurrence of any of the following events:

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

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

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

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

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

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

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

(vii) failure by Seller to satisfy the insurance requirements pursuant to Article 17 within ten (10) Business Days after Notice from Buyer of being out of compliance with such insurance requirements.

11.2 **Remedies; Declaration of Early Termination Date.** If an Event of Default with respect to a Defaulting Party shall have occurred and be continuing, the other Party (“**Non-Defaulting Party**”) shall have the following rights:

(a) to send Notice, designating a day, no earlier than the day such Notice is deemed to be received and no later than twenty (20) days after such Notice is deemed to be received, as an early termination date of this Agreement (“**Early Termination Date**”) that terminates this Agreement (the “**Terminated Transaction**”) and ends the Delivery Term effective as of the Early Termination Date;

(b) to accelerate all amounts owing between the Parties, and to collect as liquidated damages the Damage Payment or Termination Payment, as applicable, calculated in accordance with Section 11.3 below;

(c) to withhold any payments due to the Defaulting Party under this Agreement;

(d) to suspend performance; and

(e) to exercise any other right or remedy available at law or in equity, including specific performance or injunctive relief, except to the extent such remedies are expressly limited under this Agreement;

provided, that payment by the Defaulting Party of the Damage Payment or Termination Payment, as applicable, shall constitute liquidated damages and the Non-Defaulting Party’s sole and exclusive remedy for any Terminated Transaction and the Event of Default related thereto.

11.3 **Damage Payment; Termination Payment.** If an Early Termination Date has been declared, the Non-Defaulting Party shall calculate, in a commercially reasonable manner, the Damage Payment or Termination Payment, as applicable, in accordance with this Section 11.3.

(a) Damage Payment Prior to Commercial Operation Date. If the Early Termination Date occurs before the Commercial Operation Date, then the Damage Payment shall be calculated in accordance with this Section 11.3(a).

(i) If Seller is the Defaulting Party, then the Damage Payment shall be owed to Buyer and shall be equal to the entire Development Security amount and any interest accrued thereon. Buyer shall be entitled to immediately retain for its own benefit those funds held as Development Security and any interest accrued thereon, and any amount of Development Security that Seller has not yet posted with Buyer will be immediately due and payable by Seller to Buyer. There will be no amounts owed to Seller. The Parties agree that Buyer's damages in the event of an Early Termination Date prior to the Commercial Operation Date caused by Seller's default would be difficult or impossible to determine and that the damages set forth in this Section 11.3(a)(i) are a reasonable approximation of Buyer's harm or loss.

(ii) If Buyer is the Defaulting Party, then a Damage Payment shall be owed to Seller and shall equal (A) the sum of (i) all actual, documented and verifiable costs and expenses (including out-of-pocket administrative expenses and cost of equity funding (but excluding overhead)) incurred or paid by Seller or its Affiliates, from the Effective Date through the Early Termination Date, directly in connection with the Facility (including in connection with acquisition, development, financing and construction thereof) plus (ii) without duplication of any costs or expenses covered by preceding clause (i), all actual, documented and verifiable costs and expenses (including out-of-pocket administrative expenses and cost of equity funding (but excluding overhead)) which have been actually incurred, or become payable, by Seller or its Affiliates between the Early Termination Date and the date that Notice of the Damage Payment is provided by Seller to Buyer pursuant to Section 11.4, directly in connection with the Facility and arising out of the termination of this Agreement, including all Facility-related debt and other financing repayment obligations (and including all pre-payment penalties, accelerated payments, make-whole payments and breakage costs), and all other termination payments and other similar or related payments, costs or expenses in connection with the Facility, including in connection with financing, construction and equipment supply contracts, land rights contracts, and other Facility contracts and matters, in each case pursuant to and provided for in agreements that are in effect as of the Early Termination Date or entered into thereafter in order to mitigate or minimize the aggregate costs and expenses hereunder, less (B) the fair market value (determined in a commercially reasonable manner by third-party independent evaluator mutually agreed by the Parties (or absent such agreement, by a third-party independent evaluator mutually agreed by two independent evaluators, one selected by each of the Parties), but at Buyer's sole cost), net of all Facility-related liabilities and obligations (without duplication of any of the liabilities and obligations set forth in Section 11.3(a)(ii)(A)), of (a) all Seller's assets if sold individually, or (b) the entire Facility, whichever is greater, regardless of whether or not any Seller asset or the entire Facility is actually sold or disposed of. Fair market value will be based on the value of Seller's assets or the entire Facility as existing on the Early Termination Date and not on the value thereof at a later stage of development or construction of the Facility or at completion of the Facility. There will be no amount owed to Buyer. The Parties agree that Seller's damages in the event of an Early Termination Date prior to the Commercial Operation Date caused by Buyer's default would be difficult or impossible to determine and that the damages set forth in this Section 11.3(a)(ii) are a reasonable approximation of Seller's harm or loss.

(b) **Termination Payment on or After the Commercial Operation Date.** The payment owed by the Defaulting Party to the Non-Defaulting Party if the Early Termination Date occurs on or after the Commercial Operation Date (a “**Termination Payment**”) shall be the aggregate of all Settlement Amounts plus any or all other amounts due to or from the Non-Defaulting Party (as of the Early Termination Date) netted into a single amount. The Non-Defaulting Party shall calculate, in a commercially reasonable manner, a Settlement Amount for the Terminated Transaction as of the Early Termination Date. Third parties supplying information for purposes of the calculation of Gains or Losses may include, without limitation, dealers in the relevant markets, end-users of the relevant product, information vendors and other sources of market information. The Settlement Amount shall not include consequential, incidental, punitive, exemplary, indirect or business interruption damages. Without prejudice to the Non-Defaulting Party’s duty to mitigate, the Non-Defaulting Party shall not have to enter into replacement transactions to establish a Settlement Amount. Each Party agrees and acknowledges that (i) the actual damages that the Non-Defaulting Party would incur in connection with a Terminated Transaction would be difficult or impossible to predict with certainty, (ii) the Termination Payment described in this Section 11.3(b) is a reasonable and appropriate approximation of such damages, and (iii) the Termination Payment described in this Section 11.3(b) is the exclusive remedy of the Non-Defaulting Party in connection with a Terminated Transaction but shall not otherwise act to limit any of the Non-Defaulting Party’s rights or remedies if the Non-Defaulting Party does not elect a Terminated Transaction as its remedy for an Event of Default by the Defaulting Party.

11.4 **Notice of Payment of Termination Payment or Damage Payment.** As soon as practicable, but in no event later than sixty (60) days, after the Early Termination Date (or such longer additional period, not to exceed an additional sixty (60) days, if the Non-Defaulting Party is unable to calculate the Termination Payment or Damage Payment, as applicable, within such initial sixty (60) days period despite exercising commercially reasonable efforts), Notice shall be given by the Non-Defaulting Party to the Defaulting Party of the amount of the Damage Payment or Termination Payment, as applicable, and whether the Termination Payment or Damage Payment, as applicable, is due to or from the Non-Defaulting Party. The Notice shall include a written statement explaining in reasonable detail the calculation of such amount and the sources for such calculation. The Termination Payment or Damage Payment, as applicable, shall be made to or from the Non-Defaulting Party, as applicable, within ten (10) Business Days after such Notice is effective.

11.5 **Disputes With Respect to Termination Payment or Damage Payment.** If the Defaulting Party disputes the Non-Defaulting Party’s calculation of the Termination Payment or Damage Payment, as applicable, in whole or in part, the Defaulting Party shall, within five (5) Business Days of receipt of the Non-Defaulting Party’s calculation of the Termination Payment, or Damage Payment, as applicable, provide to the Non-Defaulting Party a detailed written explanation of the basis for such dispute. Disputes regarding the Termination Payment or Damage Payment, as applicable, shall be determined in accordance with Article 15.

11.6 **Limitation on Seller’s Ability to Make or Agree to Third-Party Sales from the Facility after Early Termination Date.** If the Agreement is terminated by Buyer prior to the Commercial Operation Date due to Seller’s Event of Default, neither Seller nor Seller’s Affiliates may sell, market or deliver any Product associated with or attributable to the Facility to a party

other than Buyer for a period of two (2) years following the Early Termination Date due to Seller's Event of Default, unless prior to selling, marketing or delivering such Product, or entering into the agreement to sell, market or deliver such Product to a party other than Buyer, Seller or Seller's Affiliates provides Buyer with a written offer to sell the Product to Buyer on the same terms and conditions to which the third party agreed, and Buyer fails to accept such offer within forty-five (45) days of Buyer's receipt thereof.

Neither Seller nor Seller's Affiliates may sell or transfer the Facility, or any part thereof, or land rights or interests in the Site (including the Interconnection Queue Position) so long as the limitations contained in this Section 11.6 apply, unless the transferee agrees to be bound by the terms set forth in this Section 11.6 pursuant to a written agreement reasonably approved by Buyer.

Seller shall indemnify and hold Buyer harmless from all benefits lost and other damages sustained by Buyer as a result of any breach by Seller of its covenants contained within this Section 11.6.

11.7 **Rights And Remedies Are Cumulative.** Except where liquidated damages or other remedy are explicitly provided as the exclusive remedy, the rights and remedies of a Party pursuant to this Article 11 shall be cumulative and in addition to the rights of the Parties otherwise provided in this Agreement.

11.8 **Mitigation.** Any Non-Defaulting Party shall be obligated to use commercially reasonable efforts to mitigate its Costs, Losses and damages resulting from any Event of Default of the other Party under this Agreement.

11.9 **Additional Seller Rights.** At any time prior to the Commercial Operation Date, Seller may for any reason, by Notice to Buyer pursuant to this Section 11.9, terminate this Agreement. As Buyer's sole right and remedy (and Seller's sole liability and obligation) arising out of any such termination under this Section 11.9, Buyer shall be entitled (A) to liquidate and retain all Development Security and (B) to collect from Seller (and Seller shall be obligated to pay to Buyer) the total amount of all Delay Damages accrued and unpaid as of the Agreement termination date, [REDACTED]

## **ARTICLE 12 LIMITATION OF LIABILITY AND EXCLUSION OF WARRANTIES.**

12.1 **No Consequential Damages.** EXCEPT TO THE EXTENT PART OF (A) AN EXPRESS REMEDY OR MEASURE OF DAMAGES HEREIN, (B) AN IP INDEMNITY CLAIM, (C) AN ARTICLE 16 THIRD-PARTY INDEMNITY CLAIM, (D) INCLUDED IN A LIQUIDATED DAMAGES CALCULATION, OR (E) RESULTING FROM A PARTY'S GROSS NEGLIGENCE OR WILLFUL MISCONDUCT, NEITHER PARTY SHALL BE LIABLE TO THE OTHER OR ITS INDEMNIFIED PERSONS FOR ANY SPECIAL, PUNITIVE, EXEMPLARY, INDIRECT, OR CONSEQUENTIAL DAMAGES, OR LOSSES OR DAMAGES FOR LOST REVENUE OR LOST PROFITS, WHETHER FORESEEABLE OR NOT, ARISING OUT OF, OR IN CONNECTION WITH THIS AGREEMENT, BY STATUTE, IN TORT OR CONTRACT OR OTHERWISE.

**12.2 Waiver and Exclusion of Other Damages.** EXCEPT AS EXPRESSLY SET FORTH HEREIN, THERE IS NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND ANY AND ALL IMPLIED WARRANTIES ARE DISCLAIMED. THE PARTIES CONFIRM THAT THE EXPRESS REMEDIES AND MEASURES OF DAMAGES PROVIDED IN THIS AGREEMENT SATISFY THE ESSENTIAL PURPOSES HEREOF. ALL LIMITATIONS OF LIABILITY CONTAINED IN THIS AGREEMENT, INCLUDING, WITHOUT LIMITATION, THOSE PERTAINING TO SELLER'S LIMITATION OF LIABILITY AND THE PARTIES' WAIVER OF CONSEQUENTIAL DAMAGES, SHALL APPLY EVEN IF THE REMEDIES FOR BREACH OF WARRANTY PROVIDED IN THIS AGREEMENT ARE DEEMED TO "FAIL OF THEIR ESSENTIAL PURPOSE" OR ARE OTHERWISE HELD TO BE INVALID OR UNENFORCEABLE.

FOR BREACH OF ANY PROVISION FOR WHICH AN EXPRESS AND EXCLUSIVE REMEDY OR MEASURE OF DAMAGES IS PROVIDED, SUCH EXPRESS REMEDY OR MEASURE OF DAMAGES SHALL BE THE SOLE AND EXCLUSIVE REMEDY, THE OBLIGOR'S LIABILITY SHALL BE LIMITED AS SET FORTH IN SUCH PROVISION, AND ALL OTHER REMEDIES OR DAMAGES AT LAW OR IN EQUITY ARE WAIVED.

IF NO REMEDY OR MEASURE OF DAMAGES IS EXPRESSLY PROVIDED HEREIN, THE OBLIGOR'S LIABILITY SHALL BE LIMITED TO DIRECT DAMAGES ONLY. THE VALUE OF ANY TAX CREDITS, DETERMINED ON AN AFTER-TAX BASIS, LOST DUE TO BUYER'S DEFAULT (WHICH SELLER HAS NOT BEEN ABLE TO MITIGATE AFTER USE OF REASONABLE EFFORTS) AND AMOUNTS DUE IN CONNECTION WITH THE RECAPTURE OF ANY RENEWABLE ENERGY INCENTIVES, IF ANY, SHALL BE DEEMED TO BE DIRECT DAMAGES.

TO THE EXTENT ANY DAMAGES REQUIRED TO BE PAID HEREUNDER ARE LIQUIDATED, INCLUDING UNDER SECTIONS 3.5, 11.2 AND 11.3, AND AS PROVIDED IN EXHIBIT B, EXHIBIT C, AND EXHIBIT P THE PARTIES ACKNOWLEDGE THAT THE DAMAGES ARE DIFFICULT OR IMPOSSIBLE TO DETERMINE, THAT OTHERWISE OBTAINING AN ADEQUATE REMEDY IS INCONVENIENT, AND THAT THE LIQUIDATED DAMAGES CONSTITUTE A REASONABLE APPROXIMATION OF THE ANTICIPATED HARM OR LOSS. 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. THE PARTIES HEREBY WAIVE ANY RIGHT TO CONTEST SUCH PAYMENTS AS AN UNREASONABLE PENALTY.

THE PARTIES ACKNOWLEDGE AND AGREE THAT MONEY DAMAGES AND THE EXPRESS REMEDIES PROVIDED FOR HEREIN ARE AN ADEQUATE REMEDY FOR THE BREACH BY THE OTHER OF THE TERMS OF THIS AGREEMENT, AND EACH PARTY WAIVES ANY RIGHT IT MAY HAVE TO SPECIFIC PERFORMANCE WITH RESPECT TO ANY OBLIGATION OF THE OTHER PARTY UNDER THIS AGREEMENT.

**ARTICLE 13**  
**REPRESENTATIONS AND WARRANTIES; AUTHORITY**

13.1 **Seller's Representations and Warranties.** As of the Effective Date, Seller represents and warrants as follows:

(a) Seller is a Delaware limited liability company, duly organized, validly existing and in good standing under the laws of the jurisdiction of its formation, and is qualified to conduct business in each jurisdiction where the failure to so qualify would have a material adverse effect on the business or financial condition of Seller.

(b) Seller has the power and authority to enter into and perform this Agreement and is not prohibited from entering into this Agreement or discharging and performing all covenants and obligations on its part to be performed under and pursuant to this Agreement, except where such failure does not have a material adverse effect on Seller's performance under this Agreement. The execution, delivery and performance of this Agreement by Seller has been duly authorized by all necessary limited liability company action on the part of Seller and does not and will not require the consent of any trustee or holder of any indebtedness or other obligation of Seller or any other party to any other agreement with Seller.

(c) The execution and delivery of this Agreement, consummation of the transactions contemplated herein, and fulfillment of and compliance by Seller with the provisions of this Agreement will not conflict with or constitute a breach of or a default under any Law presently in effect having applicability to Seller, subject to any permits that have not yet been obtained by Seller, the documents of formation of Seller or any outstanding trust indenture, deed of trust, mortgage, loan agreement or other evidence of indebtedness or any other agreement or instrument to which Seller is a party or by which any of its property is bound.

(d) This Agreement has been duly executed and delivered by Seller. This Agreement is a legal, valid and binding obligation of Seller enforceable in accordance with its terms, except as limited by laws of general applicability limiting the enforcement of creditors' rights or by the exercise of judicial discretion in accordance with general principles of equity.

(e) The Facility is located in the State of California.

13.2 **Buyer's Representations and Warranties.** As of the Effective Date, Buyer represents and warrants as follows:

(a) Buyer is a joint powers authority and a validly existing community choice aggregator, duly organized, validly existing and in good standing under the laws of the State of California and the rules, regulations and orders of the California Public Utilities Commission, and is qualified to conduct business in each jurisdiction of the Joint Powers Agreement members. All Persons making up the governing body of Buyer are the elected or appointed incumbents in their positions and hold their positions in good standing in accordance with the Joint Powers Agreement and other Law.



(b) Buyer has the power and authority to enter into and perform this Agreement and is not prohibited from entering into this Agreement or discharging and performing all covenants and obligations on its part to be performed under and pursuant to this Agreement, except where such failure does not have a material adverse effect on Buyer's performance under this Agreement. The execution, delivery and performance of this Agreement by Buyer has been duly authorized by all necessary action on the part of Buyer and does not and will not require the consent of any trustee or holder of any indebtedness or other obligation of Buyer or any other party to any other agreement with Buyer.

(c) The execution and delivery of this Agreement, consummation of the transactions contemplated herein, and fulfillment of and compliance by Buyer with the provisions of this Agreement will not conflict with or constitute a breach of or a default under any Law presently in effect having applicability to Buyer, including but not limited to community choice aggregation, the Joint Powers Act, competitive bidding, public notice, open meetings, election, referendum, or prior appropriation requirements, the documents of formation of Buyer or any outstanding trust indenture, deed of trust, mortgage, loan agreement or other evidence of indebtedness or any other agreement or instrument to which Buyer is a party or by which any of its property is bound.

(d) This Agreement has been duly executed and delivered by Buyer. This Agreement is a legal, valid and binding obligation of Buyer enforceable in accordance with its terms, except as limited by laws of general applicability limiting the enforcement of creditors' rights or by the exercise of judicial discretion in accordance with general principles of equity.

(e) Buyer warrants and covenants that with respect to its contractual obligations under this Agreement, it will not claim immunity on the grounds of sovereignty or similar grounds with respect to itself or its revenues or assets from (1) suit, (2) jurisdiction of court, (3) relief by way of injunction, order for specific performance or recovery of property, (4) attachment of assets, or (5) execution or enforcement of any judgment.

(f) Buyer is a "local public entity" as defined in Section 900.4 of the Government Code of the State of California.

(g) Buyer cannot assert sovereign immunity as a defense to the enforcement of its obligations under this Agreement.

13.3 **General Covenants.** Each Party covenants that commencing on the Effective Date and continuing throughout the Contract Term:

(a) It shall continue to be duly organized, validly existing and in good standing under the laws of the jurisdiction of its formation and to be qualified to conduct business in each jurisdiction where the failure to so qualify would have a material adverse effect on its business or financial condition;

(b) It shall maintain (or obtain from time to time as required) all regulatory authorizations necessary for it to legally perform its obligations under this Agreement; and

(c) It shall perform its obligations under this Agreement in compliance with all terms and conditions in its governing documents and in material compliance with any Law.

13.4 **Workforce Development.** The Parties acknowledge that in connection with Buyer's energy procurement efforts, including entering into this Agreement, Buyer is committed to creating community benefits, which includes engaging a skilled and trained workforce and targeted hires. Accordingly, prior to the Guaranteed Construction Start Date, Seller shall ensure that work performed in connection with construction of the Facility will be conducted using a project labor agreement, community workforce agreement, work site agreement, collective bargaining agreement, or similar agreement providing for terms and conditions of employment with applicable labor organizations, and shall remain compliant with such agreement in accordance with the terms thereof.

## **ARTICLE 14 ASSIGNMENT**

14.1 **General Prohibition on Assignments.** Except as provided below in this Article 14, neither Party may voluntarily assign this Agreement or its rights or obligations under this Agreement, without the prior written consent of the other Party, which consent shall not be unreasonably withheld, conditioned or delayed. Any Change of Control of Seller (whether voluntary or by operation of law) will be deemed an assignment and will require the prior written consent of Buyer, which consent shall not be unreasonably withheld, conditioned or delayed; provided, however, that a Change of Control of Seller shall not require Buyer's consent if the assignee or transferee is a Permitted Transferee. Any assignment made without required written consent, or in violation of the conditions to assignment set out below, shall be null and void. Seller shall be responsible for Buyer's reasonable costs associated with the preparation, review, execution and delivery of documents in connection with any assignment of this Agreement by Seller, including without limitation reasonable attorneys' fees.

14.2 **Collateral Assignment.** Subject to the provisions of this Section 14.2, Seller has the right to assign this Agreement as collateral for any financing or refinancing of the Facility.

In connection with any financing or refinancing of the Facility by Seller, Buyer shall in good faith work with Seller and Lender to agree upon a consent to collateral assignment of this Agreement ("**Collateral Assignment Agreement**"). The Collateral Assignment Agreement must be in form and substance agreed to by Buyer, Seller and Lender, with such agreement not to be unreasonably withheld, and must include, among others, the following provisions (with such changes as may be reasonably requested by Lenders):

(a) Buyer shall give Notice of an Event of Default by Seller to the Person(s) to be specified by Lender in the Collateral Assignment Agreement, before exercising its right to terminate this Agreement as a result of such Event of Default; provided that such notice shall be provided to Lender at the time such notice is provided to Seller and any additional cure period of Lender agreed to in the Collateral Assignment Agreement shall not commence until Lender has received notice of such Event of Default;

(b) Following an Event of Default by Seller under this Agreement, Buyer may require Seller or Lender to provide to Buyer a report concerning:

(i) The status of efforts by Seller or Lender to develop a plan to cure the Event of Default;

(ii) Impediments to the cure plan or its development;

(iii) If a cure plan has been adopted, the status of the cure plan's implementation (including any modifications to the plan as well as the expected timeframe within which any cure is expected to be implemented); and

(iv) Any other information which Buyer may reasonably require related to the development, implementation and timetable of the cure plan.

Seller or Lender must provide the report to Buyer within ten (10) Business Days after Notice from Buyer requesting the report. Buyer will have no further right to require the report with respect to a particular Event of Default after that Event of Default has been cured;

(c) Lender will have the right to cure an Event of Default on behalf of Seller, only if Lender sends a written notice to Buyer before the later of (i) the expiration of any cure period, and (ii) five (5) Business Days after Lender's receipt of notice of such Event of Default from Buyer, indicating Lender's intention to cure. Lender must remedy or cure the Event of Default within the cure period under this Agreement and any additional cure periods agreed in the Collateral Assignment Agreement up to a maximum of ninety (90) days (or one hundred eighty (180) days in the event of a bankruptcy of Seller or any foreclosure or similar proceeding if required by Lender to cure any Event of Default);

(d) Lender will have the right to consent before any termination of this Agreement which does not arise out of an Event of Default;

(e) Lender will receive prior Notice of and the right to approve material amendments to this Agreement, which approval will not be unreasonably withheld, delayed or conditioned;

(f) If Lender, directly or indirectly, takes possession of, or title to the Facility (including possession by a receiver or title by foreclosure or deed in lieu of foreclosure), Lender must assume all of Seller's obligations arising under this Agreement and all related agreements (subject to such limits on liability as are mutually agreed to by Seller, Buyer and Lender as set forth in the Collateral Assignment Agreement); *provided*, before such assumption, if Buyer advises Lender that Buyer will require that Lender cure (or cause to be cured) any Event of Default existing as of the possession date in order to avoid the exercise by Buyer (in its sole discretion) of Buyer's right to terminate this Agreement with respect to such Event of Default, then Lender at its option, and in its sole discretion, may elect to either:

(i) Cause such Event of Default to be cured, or

(ii) Not assume this Agreement;

(g) If Lender elects to sell or transfer the Facility (after Lender directly or indirectly, takes possession of, or title to the Facility), or sale of the Facility occurs through the actions of Lender (for example, a foreclosure sale where a third party is the buyer, or otherwise), then Lender must cause the transferee or buyer to assume all of Seller's obligations arising under this Agreement and all related agreements as a condition of the sale or transfer. Such sale or transfer may be made only to an entity that meets the definition of Permitted Transferee; and

(h) Subject to Lender's cure of any Events of Defaults under the Agreement in accordance with Section 14.2(f), if (i) this Agreement is rejected in Seller's Bankruptcy or otherwise terminated in connection therewith Lender shall have the right to elect within forty-five (45) days after such rejection or termination, to enter into a replacement agreement with Buyer having substantially the same terms as this Agreement for the remaining term thereof, or (ii) if Lender or its designee, directly or indirectly, takes possession of, or title to, the Facility (including possession by a receiver or title by foreclosure or deed in lieu of foreclosure) after any such rejection or termination of this Agreement, promptly after Buyer's written request, Lender must itself or must cause its designee to promptly enter into a new agreement with Buyer having substantially the same terms as this Agreement for the remaining term thereof, provided that in the event a designee of Lender, directly or indirectly, takes possession of, or title to, the Facility (including possession by a receiver or title by foreclosure or deed in lieu of foreclosure), such designee shall be approved by Buyer, not to be unreasonably withheld.

14.3 **Permitted Assignment by Seller.** Seller may, without the prior written consent of Buyer, transfer or assign this Agreement to: (a) an Affiliate of Seller or (b) any Person succeeding to all or substantially all of the assets of Seller (whether voluntary or by operation of law); if, and only if:

(i) the assignee is a Permitted Transferee;

(ii) Seller has given Buyer Notice at least fifteen (15) Business Days before the date of such proposed assignment; and

(iii) Seller has provided Buyer a written agreement signed by the Person to which Seller wishes to assign its interests that (x) provides that such Person will assume all of Seller's obligations and liabilities under this Agreement upon such transfer or assignment and (y) certifies that such Person meets the definition of a Permitted Transferee.

Except as provided in the preceding sentence, any assignment by Seller, its successors or assigns under this Section 14.3 shall be of no force and effect unless and until such Notice and agreement by the assignee have been received and accepted by Seller.

14.4 **Shared Facilities; Portfolio Financing.** Without limiting the foregoing, Buyer agrees and acknowledges that Seller may elect to finance all or any portion of the Facility or the Interconnection Facilities or the Shared Facilities (1) utilizing tax equity investment, and/or (2) through a Portfolio Financing, which may include cross-collateralization or similar arrangements. In connection with any financing or refinancing of the Facility, the Interconnection Facilities or

the Shared Facilities by Seller or any Portfolio Financing, Buyer, Seller, Portfolio Financing Entity (if any), and Lender shall execute and deliver such further consents, approvals and acknowledgments as may be reasonable and necessary to facilitate such transactions provided, however, that Buyer shall not be required to agree to any terms or conditions which are reasonably expected to have a material adverse effect on Buyer and all reasonable attorney's fees incurred by Buyer in connection therewith shall be borne by Seller.

## **ARTICLE 15 DISPUTE RESOLUTION**

15.1 **Governing Law.** This Agreement and the rights and duties of the Parties hereunder shall be governed by and construed, enforced and performed in accordance with the laws of the state of California, without regard to principles of conflicts of Law. To the extent enforceable at such time, each Party waives its respective right to any jury trial with respect to any litigation arising under or in connection with this Agreement.

15.2 **Dispute Resolution.** In the event of any dispute arising under this Agreement, within ten (10) days following the receipt of a written Notice from either Party identifying such dispute, the Parties shall meet, negotiate and attempt, in good faith, to resolve the dispute quickly, informally and inexpensively. If the Parties are unable to resolve a dispute arising hereunder within the earlier of either thirty (30) days of initiating such discussions, or within forty (40) days after Notice of the dispute, either Party may seek any and all remedies available to it at Law or in equity, subject to the limitations set forth in this Agreement.

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

## **ARTICLE 16 INDEMNIFICATION**

### 16.1 **Indemnification.**

(a) Each Party (the "**Indemnifying Party**") agrees to indemnify, defend and hold harmless the other Party and its Affiliates, directors, officers, employees and agents (collectively, the "**Indemnified Party**") from and against all claims, demands, losses, liabilities, penalties, and expenses (including reasonable attorneys' fees) for personal injury or death to Persons and damage to the property of any third party to the extent arising out of, resulting from, or caused by the negligent or willful misconduct of the Indemnifying Party, its Affiliates, its directors, officers, employees, or agents.

(b) Seller shall indemnify, defend and hold harmless Buyer and its Affiliates, directors, officers, employees from and against all claims, demands, losses, liabilities, penalties, and expenses (including reasonable attorneys' fees) in connection with any claims of infringement upon or violation of any trade secret, trademark, trade name, copyright, patent, or other intellectual

property rights of any third party by equipment, software, applications or programs (or any portion of same) used in connection with the Facility (an “**IP Indemnity Claim**”).

(c) Nothing in this Section 16.1 shall enlarge or relieve Seller or Buyer of any liability to the other for any breach of this Agreement. Neither Party shall be indemnified for its damages resulting from its sole negligence, intentional acts or willful misconduct. These indemnity provisions shall not be construed to relieve any insurer of its obligation to pay claims consistent with the provisions of a valid insurance policy.

16.2 **Claims.** Promptly after receipt by a Party of any claim or Notice of the commencement of any action, administrative, or legal proceeding, or investigation as to which the indemnity provided for in this Article 16 may apply, the Indemnified Party shall notify the Indemnifying Party in writing of such fact. The Indemnifying Party shall assume the defense thereof with counsel designated by such Party and satisfactory to the Indemnified Party, *provided, however,* that if the defendants in any such action include both the Indemnified Party and the Indemnifying Party and the Indemnified Party shall have reasonably concluded that there may be legal defenses available to it which are different from or additional to, or inconsistent with, those available to the Indemnifying Party, the Indemnified Party shall have the right to select and be represented by separate counsel, at the Indemnifying Party’s expense, unless a liability insurer is willing to pay such costs.

If the Indemnifying Party fails to assume the defense of a claim meriting indemnification, the Indemnified Party may at the expense of the Indemnifying Party contest, settle, or pay such claim, *provided* that settlement or full payment of any such claim may be made only following consent of the Indemnifying Party or, absent such consent, written opinion of the Indemnified Party’s counsel that such claim is meritorious or warrants settlement. Except as otherwise provided in this Article 16, in the event that a Party is obligated to indemnify and hold the other Party and its successors and assigns harmless under this Article 16, the amount owing to the Indemnified Party will be the amount of the Indemnified Party’s damages net of any insurance proceeds received by the Indemnified Party following a reasonable effort by the Indemnified Party to obtain such insurance proceeds.

## **ARTICLE 17 INSURANCE**

### **17.1 Insurance.**

(a) **General Liability.** Seller shall maintain, or cause to be maintained at its sole expense, (i) commercial general liability insurance, including products and completed operations and personal injury insurance, in a minimum amount of One Million Dollars (\$1,000,000) per occurrence, and an annual aggregate of not less than Two Million Dollars (\$2,000,000), including contractual liability, specifically covering Seller’s obligations under this Agreement and including Buyer as an additional insured; and (ii) an umbrella insurance policy in a minimum limit of liability of Ten Million Dollars (\$10,000,000). Defense costs shall be provided as an additional benefit and not included within the limits of liability. Such insurance shall contain standard cross-liability and severability of interest provisions.

(b) Employer's Liability Insurance. Seller, if it has employees, shall maintain Employers' Liability insurance shall not be less than One Million Dollars (\$1,000,000.00) for injury or death occurring as a result of each accident. With regard to bodily injury by disease, the One Million Dollar (\$1,000,000) policy limit will apply to each employee.

(c) Workers Compensation Insurance. Seller, if it has employees, shall also maintain at all times during the Contract Term workers' compensation and employers' liability insurance coverage in accordance with applicable requirements of Law.

(d) Business Auto Insurance. Seller shall maintain at all times during the Contract Term business auto insurance for bodily injury and property damage with limits of One Million Dollars (\$1,000,000) per occurrence. Such insurance shall cover liability arising out of Seller's use of all owned (if any), non-owned and hired vehicles, including trailers or semi-trailers in the performance of the Agreement.

(e) Construction All-Risk Insurance. Seller shall maintain or cause to be maintained during the construction of the Facility prior to the Commercial Operation Date, construction all-risk form property insurance covering the Facility during such construction periods, and naming Seller (and Lender if any) as the loss payee.

(f) Subcontractor Insurance. Seller shall require all of its subcontractors to carry: (i) comprehensive general liability insurance with a combined single limit of coverage not less than One Million Dollars (\$1,000,000); (ii) workers' compensation insurance and employers' liability coverage in accordance with applicable requirements of Law; and (iii) business auto insurance for bodily injury and property damage with limits of one million dollars (\$1,000,000) per occurrence. All subcontractors shall include Seller as an additional insured to insurance carried pursuant to clauses (f)(i) and (f)(iii). All subcontractors shall provide a primary endorsement and a waiver of subrogation to Seller for the required coverage pursuant to this Section 17.1(f).

(g) Evidence of Insurance. Within ten (10) days after execution of the Agreement and upon annual renewal thereafter, Seller shall deliver to Buyer certificates of insurance evidencing such coverage. Buyer shall be given at least thirty (30) days prior Notice by Seller in the event of any material modification, cancellation or termination of coverage. Such insurance shall be primary coverage without right of contribution from any insurance of Buyer. Any other insurance maintained by Seller is for the exclusive benefit of Seller and shall not in any manner inure to the benefit of Buyer.

(h) Failure to Comply with Insurance Requirements. If Seller fails to comply with any of the provisions of this Article 17, then, without restricting Buyer's remedies under Article 11, the Law or otherwise, Seller shall (in accordance with the applicable provisions of Section 16.2) indemnify and defend Buyer against all claims and liabilities for which, and to the same extent that, Buyer would have been covered by Seller's insurance pursuant to this Article 16 if Seller had not failed to comply with the provisions of this Article 17.

## **ARTICLE 18 CONFIDENTIAL INFORMATION**

18.1 **Definition of Confidential Information.** The following constitutes “**Confidential Information**,” whether oral or written which is delivered by Seller to Buyer or by Buyer to Seller including: (a) the terms and conditions of, and proposals and negotiations related to, this Agreement, and (b) information that either Seller or Buyer stamps or otherwise identifies as “confidential” or “proprietary” before disclosing it to the other. Confidential Information does not include (i) information that was publicly available at the time of the disclosure, other than as a result of a disclosure in breach of this Agreement; (ii) information that becomes publicly available through no fault of the recipient after the time of the delivery; (iii) information that was rightfully in the possession of the recipient (without confidential or proprietary restriction) at the time of delivery or that becomes available to the recipient from a source not subject to any restriction against disclosing such information to the recipient; and (iv) information that the recipient independently developed without a violation of this Agreement.

18.2 **Duty to Maintain Confidentiality.** The Party receiving Confidential Information (the “**Receiving Party**”) from the other Party (the “**Disclosing Party**”) shall not disclose Confidential Information to a third party (other than the Party’s employees, lenders, counsel, accountants, directors or advisors, or any such representatives of a Party’s Affiliates, who have a need to know such information and have agreed to keep such terms confidential) except in order to comply with any applicable law, regulation, or any exchange, control area or independent system operator rule or in connection with any court or regulatory proceeding applicable to such Party or any of its Affiliates; *provided*, each Party shall, to the extent practicable, use reasonable efforts to prevent or limit the disclosure. 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. The Parties agree and acknowledge that nothing in this Section 18.2 prohibits a Party from disclosing any one or more of the commercial terms of a transaction (other than the name of the other Party unless otherwise agreed to in writing by the Parties) to any industry price source for the purpose of aggregating and reporting such information in the form of a published energy price index.

The Parties acknowledge and agree that the Agreement and any transactions entered into in connection herewith are subject to the requirements of the California Public Records Act (Government Code Section 6250 et seq.). In order to designate information as confidential, the Disclosing Party must clearly stamp and identify the specific portion of the material designated with the word “Confidential.” The Parties agree not to over-designate material as Confidential Information. Over-designation includes stamping whole agreements, entire pages or series of pages as “Confidential” that clearly contain information that is not Confidential Information.

Upon request or demand of any third person or entity not a Party hereto to Buyer pursuant to the California Public Records Act for production, inspection and/or copying of Confidential Information (“**Requested Confidential Information**”), Buyer will as soon as practical notify Seller in writing via email that such request has been made. Seller will be solely responsible for taking at its sole expense whatever legal steps are necessary to prevent release of the Requested Confidential Information to the third party by Buyer. If Seller takes no such action after receiving the foregoing notice from Buyer, Buyer shall, at its discretion, be permitted to comply with the third party’s request or demand and is not required to defend against it. If Seller does take or attempt to take such action, Buyer shall provide timely and reasonable cooperation to Seller, if requested by Seller, and Seller agrees to indemnify and hold harmless Buyer, its officers,



employees and agents (“**Buyer’s Indemnified Parties**”), from any claims, liability, award of attorneys’ fees, or damages, and to defend any action, claim or lawsuit brought against any of Buyer’s Indemnified Parties for Buyer’s refusal to disclose any Requested Confidential Information.

18.3 **Irreparable Injury; Remedies.** Receiving Party acknowledges that its obligations hereunder are necessary and reasonable in order to protect Disclosing Party and the business of Disclosing Party, and expressly acknowledges that monetary damages would be inadequate to compensate Disclosing Party for any breach or threatened breach by Receiving Party of any covenants and agreements set forth herein. Accordingly, Receiving Party acknowledges that any such breach or threatened breach will cause irreparable injury to Disclosing Party and that, in addition to any other remedies that may be available, in law, in equity or otherwise, Disclosing Party will be entitled to obtain injunctive relief against the threatened breach of this Agreement or the continuation of any such breach, without the necessity of proving actual damages.

18.4 **Further Permitted Disclosure.** Notwithstanding anything to the contrary in this Article 18, Confidential Information may be disclosed by the Receiving Party to any of its or its Affiliates’ agents, consultants, contractors, trustees, or actual or potential financing parties (including, in the case of Seller, its Lender(s)), so long as such Person to whom Confidential Information is disclosed agrees in writing to be bound by confidentiality provisions that are at least as restrictive as this Article 18 to the same extent as if it were a Party.

18.5 **Press Releases.** Neither Party shall issue (or cause its Affiliates to issue) a press release regarding the transactions contemplated by this Agreement unless both Parties have agreed upon the contents of any such public statement.

## ARTICLE 19 MISCELLANEOUS

19.1 **Entire Agreement; Integration; Exhibits.** This Agreement, together with the Cover Sheet and Exhibits attached hereto constitutes the entire agreement and understanding between Seller and Buyer with respect to the subject matter hereof and supersedes all prior agreements relating to the subject matter hereof, which are of no further force or effect. The Exhibits attached hereto are integral parts hereof and are made a part of this Agreement by reference. The headings used herein are for convenience and reference purposes only. In the event of a conflict between the provisions of this Agreement and those of the Cover Sheet or any Exhibit, the provisions of first the Cover Sheet, and then this Agreement shall prevail, and such Exhibit shall be corrected accordingly. 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.

19.2 **Amendments.** This Agreement may only be amended, modified or supplemented by an instrument in writing executed by duly authorized representatives of Seller and Buyer; *provided*, that, for the avoidance of doubt, this Agreement may not be amended by electronic mail communications.

19.3 **No Waiver.** Waiver by a Party of any default by the other Party shall not be construed as a waiver of any other default.

19.4 **No Agency, Partnership, Joint Venture or Lease.** Seller and the agents and employees of Seller shall, in the performance of this Agreement, act in an independent capacity and not as officers or employees or agents of Buyer. Under this Agreement, Seller and Buyer intend to act as energy seller and energy purchaser, respectively, and do not intend to be treated as, and shall not act as, partners in, co-venturers in or lessor/lessee with respect to the Facility or any business related to the Facility. This Agreement shall not impart any rights enforceable by any third party (other than a permitted successor or assignee bound to this Agreement) and/or, to the extent set forth herein, any Lender and/or Indemnified Party.

19.5 **Severability.** In the event that any provision of this Agreement is unenforceable or held to be unenforceable, the Parties agree that all other provisions of this Agreement have force and effect and shall not be affected thereby. The Parties shall, however, use their best endeavors to agree on the replacement of the void, illegal or unenforceable provision(s) with legally acceptable clauses which correspond as closely as possible to the sense and purpose of the affected provision and this Agreement as a whole.

19.6 **Mobile-Sierra.** Notwithstanding any other 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 FERC pursuant to the provisions of Section 205, 206 or 306 of the Federal Power Act, or any other provisions of the Federal Power Act, absent prior written agreement of the Parties. Further, absent the prior 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 shall be the “public interest” standard of review set forth in *United 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). Changes proposed by a non-Party or FERC acting *sua sponte* shall be subject to the most stringent standard permissible under applicable law.

19.7 **Counterparts.** This Agreement may be executed in one or more counterparts, all of which taken together shall constitute one and the same instrument and each of which shall be deemed an original.

19.8 **Electronic Delivery.** This Agreement may be duly executed and delivered by a Party by electronic format (including portable document format (.pdf)) delivery of the signature page of a counterpart to the other Party, and, if delivery is made by electronic format, the executing Party shall promptly deliver, via overnight delivery, a complete original counterpart that it has executed to the other Party, but this Agreement shall be binding on and enforceable against the executing Party whether or not it delivers such original counterpart.

19.9 **Binding Effect.** This Agreement shall inure to the benefit of and be binding upon the Parties and their respective successors and permitted assigns.

19.10 **No Recourse to Members of Buyer.** Buyer is organized as a Joint Powers Authority in accordance with the Joint Exercise of Powers Act of the State of California (Government Code Section 6500, et seq.) pursuant to its Joint Powers Agreement and is a public entity separate from its constituent members. Buyer shall solely be responsible for all debts, obligations and liabilities accruing and arising out of this Agreement. Seller shall have no rights and shall not make any claims, take any actions or assert any remedies against any of Buyer's constituent members, or the employees, directors, officers, consultants or advisors of Buyer or its constituent members, in connection with this Agreement.

19.11 **Forward Contract.** The Parties acknowledge and agree that this Agreement constitutes a "forward contract" within the meaning of the U.S. Bankruptcy Code, and Buyer and Seller are "forward contract merchants" within the meaning of the U.S. Bankruptcy Code. Each Party further agrees that, for all purposes of this Agreement, each Party waives and agrees not to assert the applicability of the provisions of 11 U.S.C. § 366 in any bankruptcy proceeding wherein such Party is a debtor. In any such proceeding, each Party further waives the right to assert that the other Party is a provider of last resort to the extent such term relates to 11 U.S.C. §366 or another provision of 11 U.S.C. § 101-1532.

19.12 **Change in Electric Market Design.** If a change in the CAISO Tariff renders this Agreement or any provisions hereof incapable of being performed or administered, then any Party may request that Buyer and Seller enter into negotiations to make the minimum changes to this Agreement necessary to make this Agreement capable of being performed and administered, while attempting to preserve to the maximum extent possible the benefits, burdens, and obligations set forth in this Agreement as of the Effective Date. Upon delivery of such a request, Buyer and Seller shall engage in such negotiations in good faith. If Buyer and Seller are unable, within sixty (60) days after delivery of such request, to agree upon changes to this Agreement or to resolve issues relating to changes to this Agreement, then any Party may submit issues pertaining to changes to this Agreement to the dispute resolution process set forth in Article 15. Notwithstanding the foregoing, (i) a change in cost shall not in and of itself be deemed to render this Agreement or any of the provisions hereof incapable of being performed or administered, and (ii) all of unaffected provisions of this Agreement shall remain in full force and effect during any period of such negotiation or dispute resolution.

19.13 **Further Assurances.** Each of the Parties hereto agrees to provide such information, execute and deliver any instruments and documents and to take such other actions as may be necessary or reasonably requested by the other Party which are not inconsistent with the provisions of this Agreement and which do not involve the assumptions of obligations other than those provided for in this Agreement, to give full effect to this Agreement and to carry out the intent of this Agreement.

*[Signatures on following page]*

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

LUNA STORAGE, LLC, a Delaware  
limited liability company

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

CLEAN POWER ALLIANCE OF  
SOUTHERN CALIFORNIA, a California  
joint powers authority

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

**EXHIBIT A**

**FACILITY DESCRIPTION**

**Site Name:** Luna Storage

**Site may include all or some of the following APNs:**

CERTAIN REAL PROPERTY SITUATED IN THE CITY OF LANCASTER, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, DESCRIBED AS FOLLOWS:

LOTS 35, 45, 46, 47 OF TRACT 39252, IN THE CITY OF LANCASTER, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 981, PAGES 65 THROUGH 81, INCLUSIVE OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

APNS: 3203-034-023, 3203-034-031, 3203-034-032, 3203-034-033

**County:** Los Angeles County

**Facility Description:** Luna Storage is a 100 MW / 400 MWh stand-alone battery energy storage facility located in Lancaster, Los Angeles County, California. The Facility will be located within a portion of the blue area set forth in the Site Diagram, below.

[Site Diagram on the following page]



Los Angeles County, CA		Map Description	
		Site Control	Author: TA
		POI: Big Sky Substation	Date: 02/12/2020
		Indicative Gen-tie	Version: 1.0
		Antelope Expansion Storage	
		Type: Project Overview	

**Delivery Point:** PNode for the Generating Facility (on the high-voltage side of the main step up transformer)

**Facility Meter:** See Metering Diagram

**Facility Meter Locations:** See Metering Diagram

**P-node:** As established by CAISO for POI at SCE Antelope Substation 220 kV Bus

**Transmission Provider:** Southern California Edison

**Additional Information:** N/A

## EXHIBIT B

### FACILITY CONSTRUCTION AND COMMERCIAL OPERATION

#### 1. Construction of the Facility.

- a. “**Construction Start**” will occur upon Seller’s (i) acquisition of all applicable regulatory authorizations, approvals and permits necessary for commencement of the construction of the Facility and (ii) Seller’s execution of an engineering, procurement, and construction contract and issuance of a full notice to proceed (or reasonable equivalent) to the EPC contractor or integrator party thereto, all in a manner (under preceding clauses (i) and (ii)) that can reasonably be considered necessary so that engineering, procurement and physical construction of the Facility may begin and proceed to completion without foreseeable interruption of material duration. The date of Construction Start will be evidenced by and subject to Seller’s delivery to Buyer of a certificate substantially in the form attached as Exhibit J hereto, and the date certified therein shall be the “**Construction Start Date**.” Seller shall cause Construction Start to occur no later than the Guaranteed Construction Start Date.
  
- b. If Construction Start is not achieved by the Guaranteed Construction Start Date, Seller shall pay Daily Delay Damages to Buyer on account of such delay. Daily Delay Damages shall be payable for each day for which Construction Start has not begun after the Guaranteed Construction Start Date. Daily Delay Damages shall be payable to Buyer by Seller until Seller reaches Construction Start of the Facility; *provided*, in no event shall Seller be obligated to pay aggregate Daily Delay Damages in excess of the Development Security amount required hereunder. On or before the tenth (10th) day of each month, Buyer shall invoice Seller for Daily Delay Damages, if any, accrued during the prior month and, within ten (10) Business Days following Seller’s receipt of such invoice, Seller shall pay Buyer the amount of the Daily Delay Damages set forth in such invoice. The Parties agree that Buyer’s receipt of Daily Delay Damages shall be Buyer’s sole and exclusive remedy for Seller’s unexcused delay in achieving the Construction Start Date on or before the Guaranteed Construction Start Date, but shall (x) not be construed as Buyer’s declaration that an Event of Default has occurred under any provision of Section 11.1 and (y) not limit Buyer’s right to declare an Event of Default pursuant to Section 11.1(b)(ii) and receive a Damage Payment upon exercise of Buyer’s default right pursuant to Section 11.2. Each day for which Seller pays Daily Delay Damages shall automatically extend the Guaranteed Commercial Operation Date, and if Seller achieves the Commercial Operation Date by one or more days prior to the extended Guaranteed Commercial Operation Date, with such number of days by which the Commercial Operation Date precedes the Guaranteed Commercial Operation Date as extended by the payment of Daily Delay Damages (but not by a Development Cure Period) being referred to as the “**Make-up Days**”, then Buyer shall refund to Seller an amount equal to the number of Make-up Days multiplied by the Daily Delay Damages amount, up to but not in excess of the aggregate

Exhibit B - 1

amount of Daily Delay Damages previously paid. If requested by Seller, the Parties shall negotiate in good faith and enter into a three-party escrow agreement arrangement with a bank or other creditworthy escrow agent under which all Daily Delay Damages would be paid into a mutually agreed bank escrow (rather than directly to Buyer) and under which Buyer would have the unconditional right to draw down thereon the amount of all such amounts that cease to become subject to refund to Seller hereunder if the Seller misses the Guaranteed Commercial Operation Date and Buyer become entitled to such amounts.

2. **Commercial Operation of the Facility.** “**Commercial Operation**” means the condition existing when Seller has fulfilled all of the conditions precedent in Section 2.2 of the Agreement and provided Notice to Buyer substantially in the form of **Exhibit H** (the “**COD Certificate**”); and the “**Commercial Operation Date**” means the date set forth in such Notice of the occurrence the fulfillment of such conditions precedent.
  - a. Seller shall cause Commercial Operation for the Facility to occur by the Expected Commercial Operation Date (as such date may be extended by the Development Cure Period (defined below), the “**Guaranteed Commercial Operation Date**”). Seller shall notify Buyer that it intends to achieve Commercial Operation at least sixty (60) days before the anticipated Commercial Operation Date.
  - b. If Seller does not achieve Commercial Operation by the Guaranteed Commercial Operation Date, Seller shall pay Commercial Operation Delay Damages to Buyer for each day after the Guaranteed Commercial Operation Date until the Commercial Operation Date. Commercial Operation Delay Damages shall be payable to Buyer by Seller until the Commercial Operation Date. On or before the tenth (10th) day of each month, Buyer shall invoice Seller for Commercial Operation Delay Damages, if any, accrued during the prior month; *provided*, that in no event shall Seller be obligated to pay aggregate Commercial Operation Delay Damages in excess of the Development Security amount required hereunder. The Parties agree that Buyer’s receipt of Commercial Operation Delay Damages shall be Buyer’s sole and exclusive remedy for up to ninety (90) days of delay in achieving the Commercial Operation Date on or before the Guaranteed Commercial Operation Date, but shall (x) not be construed as Buyer’s declaration that an Event of Default has occurred under any provision of Section 11.1 and (y) not limit Buyer’s right to receive a Damage Payment upon exercise of Buyer’s default right pursuant to Section 11.2.
3. **Termination for Failure to Achieve Commercial Operation.** If the Facility has not achieved Commercial Operation by the Guaranteed Commercial Operation Date (as extended pursuant to the terms of this **Exhibit B**), Buyer may elect to terminate this Agreement in accordance with Sections 11.1(b)(ii) and 11.2; [REDACTED]  
[REDACTED]  
[REDACTED]



4. **Extension of the Guaranteed Dates.** Independent of Seller’s extension rights under Section 1 and 2 of this Exhibit B above, the Guaranteed Construction Start Date and the Guaranteed Commercial Operation Date shall, subject to notice and documentation requirements set forth below, be automatically extended on a day-for-day basis (the “**Development Cure Period**”) for the duration of any and all delays arising out of the following circumstances to the extent the following circumstances are not the result of Seller’s failure to take all commercially reasonable actions to meet its requirements and deadlines:
- a. Seller has not acquired by the Expected Construction Start Date all material permits, consents, licenses, approvals, or authorizations from any Governmental Authority required for Seller to own, construct, interconnect, operate or maintain the Facility and to permit Seller and the Facility to make available and sell Product, despite the exercise of diligent and commercially reasonable efforts by Seller; or
  - b. a Force Majeure Event occurs; or
  - c. the Interconnection Facilities or Reliability Network Upgrades are not complete and ready for the Facility to connect and sell Product at the Delivery Point by the Guaranteed Commercial Operation Date, despite the exercise of diligent and commercially reasonable efforts by Seller; or
  - d. Buyer has not made all necessary arrangements to receive the Facility Energy at the Delivery Point by the Guaranteed Commercial Operation Date (it being acknowledged that an extension under this paragraph (d) shall not limit other rights and remedies Seller may have for any Buyer default).

Notwithstanding anything in this Agreement to the contrary, the cumulative extensions granted under the Development Cure Period (other than the extensions granted pursuant to clause 4(d) above) shall not exceed one hundred eighty (180) days, for any reason, including a Force Majeure Event, and upon request from Buyer, Seller shall provide documentation demonstrating to Buyer’s reasonable satisfaction that the delays described above did not result from Seller’s actions or failure to take commercially reasonable actions;

[REDACTED]

[REDACTED]

5. **Failure to Reach Guaranteed Capacity.** If, at Commercial Operation, the Installed Capacity is less than one hundred percent (100%) of the Guaranteed Capacity, Seller shall have ninety (90) days after the Commercial Operation Date to install additional capacity

and/or Network Upgrades such that the Installed Capacity is equal to (but not greater than) the Guaranteed Capacity, and Seller shall provide to Buyer a new certificate substantially in the form attached as Exhibit I hereto specifying the new Installed Capacity. If Seller fails to construct the Guaranteed Capacity by such date (i.e., ninety (90) days after the Commercial Operation Date), Seller shall pay “**Capacity Damages**” to Buyer, in an amount equal to Two Hundred Fifty Thousand Dollars (\$250,000) for each MW that the Guaranteed Capacity exceeds the Installed Capacity, and the Guaranteed Capacity and other applicable portions of the Agreement shall be adjusted accordingly. Capacity Damages shall not be offset or reduced by the posting of Development Security, Performance Security or the payment of Delay Damages, or any other form of liquidated damages under this Agreement.

6. **Buyer’s Right to Draw on Development Security.** If Seller fails to timely pay any Daily Delay Damages or Commercial Operation Delay Damages, Buyer may draw upon the Development Security to satisfy Seller’s payment obligation thereof.

**EXHIBIT C**  
**COMPENSATION**

(a) Monthly Compensation. Each month of the Delivery Term (and pro-rated for the first and last month of the Delivery Term if the Delivery Term does not start on the first day of a calendar month), Buyer shall pay Seller a Monthly Capacity Payment equal to the Contract Price x Effective Capacity x Efficiency Rate Factor x Operating Deviation Factor. Such payment constitutes the entirety of the amount due to Seller from Buyer for the Product. If the Effective Capacity and/or Efficiency Rate are adjusted pursuant to a Capacity Test other than the first day of calendar month, payment shall be calculated separately for each portion of the month in which the different Effective Capacity and/or Efficiency Rate are applicable.

**“Efficiency Rate Factor”** means:

- (i) If the Efficiency Rate is greater than or equal to the Guaranteed Efficiency Rate, then:

$$\text{Efficiency Rate Factor} = 100\%$$

- (ii) If the Efficiency Rate is less than the Guaranteed Efficiency Rate, but greater than or equal to 75%, then:

$$\text{Efficiency Rate Factor} = 100\% - (\text{Guaranteed Efficiency Rate} - \text{Efficiency Rate})$$

■

- (iii) If the Efficiency Rate is less than 75%, then:

$$\text{Efficiency Rate Factor} = 0$$

**“Operating Deviation Factor”** means:

- (i) If the Operating Deviation Rate is greater than or equal to ■%, then:

$$\text{Operating Deviation Factor} = 100\%$$

- (ii) If the Operating Deviation Rate is less than the ■%, but greater than or equal to ■%, then:

$$\text{Operating Deviation Factor} = 100\% - (\text{■\%} - \text{Operating Deviation Rate}) \times .5$$

- (iii) If the Operating Deviation Rate is less than ■%, then:

$$\text{Operating Deviation Factor} = 0$$

**“Operating Deviation Rate”** means, in each applicable month of the Delivery Term, (a) the sum of the Operating Instructed Amounts minus the sum of the Operating Deviations, divided by (b) the sum of the Operating Instructed Amounts.

Exhibit C - 1

(b) Capacity Availability Payment True-Up. Each month during the Delivery Term, Buyer shall calculate the year-to-date (YTD) Annual Capacity Availability in accordance with Exhibit P. If (i) such YTD Annual Capacity Availability is less than ninety percent (90%), or (ii) the final Annual Capacity Availability is less than the Guaranteed Capacity Availability, Buyer shall (1) withhold the Capacity Availability Payment True-Up Amount from the next Monthly Capacity Payment(s) (the “Capacity Availability Payment True-up”), and (2) provide Seller with a written statement of the calculation of the YTD Annual Capacity Availability and the Capacity Availability Payment True-Up Amount; *provided*, if the Capacity Availability Payment True-Up Amount is a negative number for any month prior to the final year-end Capacity Availability Payment True-Up calculation, Buyer shall not be obligated to reimburse Seller any previously withheld Capacity Availability Payment True-Up Amount, except as set forth in the following sentence. If Buyer withholds any Capacity Availability Payment True-Up Amount pursuant to subsection (b)(i) above, and if the final year-end Capacity Availability Payment True-up Amount is a negative number, Buyer shall pay to Seller the positive value of such amount together with the next Monthly Capacity Payment due to Seller.

“Capacity Availability Payment True-up Amount” means an amount equal to  $A \times B - C$ , where:

A = The sum of the year-to-date Monthly Capacity Payments

B = The Capacity Availability Factor

C = The sum of any Capacity Availability Payment True-up Amounts previously withheld by Buyer in the applicable Contract Year.

“Capacity Availability Factor” means:

- (i) If the YTD Annual Capacity Availability times the Effective Capacity is less than the Guaranteed Capacity Availability times the Effective Capacity, but greater than or equal to 70% of the Installed Capacity, then:

Capacity Availability Factor =  $\frac{\text{Guaranteed Capacity Availability} - \text{YTD Annual Capacity Availability}}{\text{Guaranteed Capacity Availability}}$

- (ii) If the YTD Annual Capacity Availability times the Effective Capacity is less than 70% of the Installed Capacity, then:

Capacity Availability Factor =  $\frac{\text{Guaranteed Capacity Availability} - \text{YTD Annual Capacity Availability}}{\text{Guaranteed Capacity Availability}} \times 1.5$

## EXHIBIT D

### SCHEDULING COORDINATOR RESPONSIBILITIES

#### Scheduling Coordinator Responsibilities.

(a) Buyer as Scheduling Coordinator for the Facility. Upon Initial Synchronization of the Facility to the CAISO Grid, Buyer shall be the Scheduling Coordinator or designate a qualified third party to provide Scheduling Coordinator services with the CAISO for the Facility for both the delivery and the receipt of Facility Energy and the Product at the Delivery Point. At least thirty (30) days prior to the Initial Synchronization of the Facility to the CAISO Grid, (i) Seller shall take all actions and execute and deliver to Buyer and the CAISO all documents necessary to authorize or designate Buyer (or Buyer's designee) as the Scheduling Coordinator for the Facility effective as of the Initial Synchronization of the Facility to the CAISO Grid, and (ii) Buyer shall, and shall cause its designee to, take all actions and execute and deliver to Seller and the CAISO all documents necessary to authorize or designate Buyer or its designee as the Scheduling Coordinator for the Facility effective as of the Initial Synchronization of the Facility to the CAISO Grid. On and after Initial Synchronization of the Facility to the CAISO Grid, Seller shall not authorize or designate any other party to act as the Facility's Scheduling Coordinator, nor shall Seller perform for its own benefit the duties of Scheduling Coordinator, and Seller shall not revoke Buyer's authorization to act as the Facility's Scheduling Coordinator unless agreed to by Buyer. Buyer (as the Facility's SC) shall submit Schedules to the CAISO in accordance with this Agreement and the applicable CAISO Tariff, protocols and Scheduling practices for Product on a day-ahead, hour-ahead, fifteen-minute market, real time or other market interval that may develop after the Effective Date, as determined by Buyer.

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

(c) CAISO Costs and Revenues. Except as otherwise set forth below, Buyer (as Scheduling Coordinator for the Facility) shall be responsible for CAISO costs (including penalties, Imbalance Energy costs or revenues, and other charges) and shall be entitled to all CAISO revenues (including credits, Imbalance Energy revenues or costs, and other payments), including revenues associated with CAISO dispatches, bid cost recovery, Inter-SC Trade credits, or other credits in respect of the Product Scheduled or delivered from the Facility. Seller shall be responsible for all CAISO penalties resulting from any failure by Seller to abide by the CAISO Tariff or the outage notification requirements set forth in this Agreement (except to the extent such non-compliance is caused by Buyer's failure to perform its duties as Scheduling Coordinator for the Facility). The Parties agree that any Availability Incentive Payments (as defined in the CAISO Tariff) are for the benefit of Seller and for Seller's account and that any Non-Availability Charges (as defined in the CAISO Tariff) are the responsibility of Seller and for Seller's account. In

addition, if during the Delivery Term, the CAISO implements or has implemented any sanction or penalty related to scheduling, outage reporting, or generator operation, and any such sanctions or penalties are imposed upon the Facility or to Buyer as Scheduling Coordinator due to failure by Seller to abide by the CAISO Tariff or the outage notification requirements set forth in this Agreement, the cost of the sanctions or penalties shall be Seller's responsibility.

(d) CAISO Settlements. Buyer (as the Facility's SC) shall be responsible for all settlement functions with the CAISO related to the Facility. Buyer shall render a separate invoice to Seller for any CAISO payments, charges or penalties ("**CAISO Charges Invoice**") for which Seller is responsible under this Agreement. CAISO Charges Invoices shall be rendered after settlement information becomes available from the CAISO that identifies any CAISO charges. Notwithstanding the foregoing, Seller acknowledges that the CAISO will issue additional invoices reflecting CAISO adjustments to such CAISO charges. Buyer will review, validate, and if requested by Seller under paragraph (e) below, dispute any charges that are the responsibility of Seller in a timely manner and consistent with Buyer's existing settlement processes for charges that are Buyer's responsibilities. Subject to Seller's right to dispute and to have Buyer pursue the dispute of any such invoices, Seller shall pay the amount of CAISO Charges Invoices within ten (10) Business Days of Seller's receipt of the CAISO Charges Invoice. If Seller fails to pay such CAISO Charges Invoice within that period, Buyer may net or offset any amounts owing to it for these CAISO Charges Invoices against any future amounts it may owe to Seller under this Agreement. The obligations under this Section with respect to payment of CAISO Charges Invoices shall survive the expiration or termination of this Agreement.

(e) Dispute Costs. Buyer (as the Facility's SC) may be required by Seller to dispute CAISO settlements in respect of the Facility. Seller agrees to pay Buyer's costs and expenses (including reasonable attorneys' fees) associated with its involvement with such CAISO disputes to the extent they relate to CAISO charges payable by Seller with respect to the Facility that Seller has directed Buyer to dispute.

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

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

(h) NERC Reliability Standards. Buyer (as Scheduling Coordinator) shall cooperate reasonably with Seller to the extent necessary to enable Seller to comply, and for Seller to demonstrate Seller's compliance with, NERC reliability standards. This cooperation shall include the provision of information in Buyer's possession that Buyer (as Scheduling Coordinator) has provided to the CAISO related to the Facility or actions taken by Buyer (as Scheduling Coordinator) related to Seller's compliance with NERC reliability standards.

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**EXHIBIT E**  
**PROGRESS REPORTING FORM**

Each Progress Report must include the following items:

1. Executive Summary.
2. Facility description.
3. Site plan of the Facility.
4. Description of any material planned changes to the Facility or the site.
5. Gantt chart schedule showing progress on achieving each of the Milestones.
6. Summary of activities during the previous calendar quarter or month, as applicable, including any OSHA labor hour reports.
7. Forecast of activities scheduled for the current calendar quarter.
8. Written description about the progress relative to Seller's Milestones, including whether Seller has met or is on target to meet the Milestones.
9. List of issues that are reasonably likely to affect Seller's Milestones.
10. A status report of start-up activities including a forecast of activities ongoing and after start-up, a report on Facility performance including performance projections for the next twelve (12) months.
11. Progress and schedule of all major agreements, contracts, permits, approvals, technical studies, financing agreements and major equipment purchase orders showing the start dates, completion dates, and completion percentages.
12. Pictures, in sufficient quantity and of appropriate detail, in order to document construction and startup progress of the Facility, the interconnection into the Transmission System and all other interconnection utility services.
13. Workforce Development or Supplier Diversity Reporting (if applicable). Format to be provided by Buyer.
14. Any other documentation reasonably requested by Buyer.

Exhibit E - 1

**EXHIBIT F-1**

**MONTHLY EXPECTED AVAILABLE CAPACITY**

[Available Capacity, MW Per Hour] – [Insert Month]

	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
Day 1																								
Day 2																								
Day 3																								
Day 4																								
Day 5																								
[insert additional rows for each day in the month]																								
Day 29																								
Day 30																								
Day 31																								

The foregoing table is provided for informational purposes only, and it shall not constitute, or be deemed to constitute, an obligation of any of the Parties to this Agreement.



**EXHIBIT F-2**

**MONTHLY EXPECTED STORAGE CAPABILITY**

[Stored Energy Capability, MWh Per Hour] – [Insert Month]

	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00	
Day 1																									
Day 2																									
Day 3																									
Day 4																									
Day 5																									
[insert additional rows for each day in the month]																									
Day 29																									
Day 30																									
Day 31																									

The foregoing table is provided for informational purposes only, and it shall not constitute, or be deemed to constitute, an obligation of any of the Parties to this Agreement.

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**EXHIBIT G**  
**DISPATCH AND UPDATED DISPATCH NOTICES**

**Dispatch Notice**

Trading Day: \_\_\_\_\_

Station: \_\_\_\_\_

Issued By: \_\_\_\_\_

Unit: \_\_\_\_\_

Issued At: \_\_\_\_\_

Hour Ending	Scheduled Energy	Spinning Reserve	Non-Spinning Reserve	Frequency Regulation Up	Frequency Regulation Down	Comments
	(MW)	(MW)	(MW)	(MW)	(MW)	
1:00						
2:00						
3:00						
4:00						
5:00						
6:00						
7:00						
8:00						
9:00						
10:00						
11:00						
12:00						
13:00						
14:00						
15:00						
16:00						
17:00						
18:00						
19:00						
20:00						
21:00						
22:00						
23:00						
0:00						

Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**Updated Dispatch Notice**

Trading Day: \_\_\_\_\_

Station: \_\_\_\_\_

Issued By: \_\_\_\_\_

Unit: \_\_\_\_\_

Issued At: \_\_\_\_\_

**Changes from Scheduled Delivery are highlighted.**

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Hour Ending	Scheduled Energy	Spinning Reserve	Non-Spinning Reserve	Frequency Regulation Up	Frequency Regulation Down	Comments
	(MW)	(MW)	(MW)	(MW)	(MW)	
1:00						
2:00						
3:00						
4:00						
5:00						
6:00						
7:00						
8:00						
9:00						
10:00						
11:00						
12:00						
13:00						
14:00						
15:00						
16:00						
17:00						
18:00						
19:00						
20:00						
21:00						
22:00						
23:00						
0:00						

**EXHIBIT H**

**FORM OF COMMERCIAL OPERATION DATE CERTIFICATE**

This certification (“**Certification**”) of Commercial Operation is delivered by \_\_\_\_\_ [*licensed professional engineer*] (“**Engineer**”) to Clean Power Alliance of Southern California, a California joint powers authority (“**Buyer**”) in accordance with the terms of that certain Energy Storage Agreement dated \_\_\_\_\_ (“**Agreement**”) by and between [*Seller*] and Buyer. All capitalized terms used in this Certification but not otherwise defined herein shall have the respective meanings assigned to such terms in the Agreement.

As of \_\_\_\_\_[DATE]\_\_\_\_\_, Engineer hereby certifies and represents to Buyer the following:

1. The Facility is fully operational, reliable and interconnected, fully integrated and synchronized with the Transmission System.
2. Seller has installed equipment for the Facility with an Installed Capacity of no less than ninety-five percent (95%) of the Guaranteed Capacity.
3. The Facility’s Installed Capacity is no less than ninety-five percent (95%) of the Guaranteed Capacity and the Facility is capable of charging, storing and discharging energy, all within the operational constraints and subject to the applicable Operating Restrictions.
4. Authorization to parallel the Facility was obtained by the Transmission Provider, [Name of Transmission Provider as appropriate] on\_\_\_\_[DATE]\_\_\_\_\_.
5. The Transmission Provider has provided documentation supporting full unrestricted release for Commercial Operation by [Name of Transmission Provider as appropriate] on \_\_\_\_\_[DATE]\_\_\_\_\_.
6. The CAISO has provided notification supporting Commercial Operation, in accordance with the CAISO Tariff on \_\_\_\_\_[DATE]\_\_\_\_\_.

EXECUTED by [LICENSED PROFESSIONAL ENGINEER]

this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

[LICENSED PROFESSIONAL ENGINEER]

By: \_\_\_\_\_

Its: \_\_\_\_\_

Date: \_\_\_\_\_

**EXHIBIT I**

**FORM OF INSTALLED CAPACITY, EFFECTIVE CAPACITY AND EFFICIENCY RATE CERTIFICATE**

This certification (“**Certification**”) of Installed Capacity or Effective Capacity (as applicable) and Efficiency Rate is delivered by [licensed professional engineer] (“**Engineer**”) to Clean Power Alliance of Southern California, a California joint powers authority (“**Buyer**”) in accordance with the terms of that certain Energy Storage Agreement dated \_\_\_\_\_ (“**Agreement**”) by and between [*SELLER ENTITY*] and Buyer. All capitalized terms used in this Certification but not otherwise defined herein shall have the respective meanings assigned to such terms in the Agreement.

I hereby certify that a Capacity Test demonstrated (i) an Installed Capacity of \_\_ MW AC to the Delivery Point for four (4) hours of continuous discharge and (ii) an Efficiency Rate of \_\_%, all in accordance with the testing procedures, requirements and protocols set forth in Agreement Section 4.4 and Exhibit O.

EXECUTED by [LICENSED PROFESSIONAL ENGINEER]

this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

[LICENSED PROFESSIONAL ENGINEER]

By: \_\_\_\_\_

Its: \_\_\_\_\_

Date: \_\_\_\_\_

**EXHIBIT J**

**FORM OF CONSTRUCTION START DATE CERTIFICATE**

This certification of Construction Start Date (“**Certification**”) is delivered by [SELLER ENTITY] (“**Seller**”) to Clean Power Alliance of Southern California, a California joint powers authority (“**Buyer**”) in accordance with the terms of that certain Energy Storage Agreement dated \_\_\_\_\_ (“**Agreement**”) by and between Seller and Buyer. All capitalized terms used in this Certification but not otherwise defined herein shall have the respective meanings assigned to such terms in the Agreement.

Seller hereby certifies and represents to Buyer the following:

- (1) Construction Start (as defined in Exhibit B of the Agreement) has occurred, and a copy of the notice to proceed (or equivalent) that Seller issued to its contractor as part of Construction Start is attached hereto.
- (2) the Construction Start Date occurred on \_\_\_\_\_ (the “**Construction Start Date**”);  
and
- (3) the precise Site on which the Facility is located is, which must be within the boundaries of the previously identified Site:

\_\_\_\_\_  
(such description shall amend the description of the Site in Exhibit A).

IN WITNESS WHEREOF, the undersigned has executed this Certification on behalf of Seller as of the \_\_\_ day of \_\_\_\_\_.

[SELLER ENTITY]

By: \_\_\_\_\_

Its: \_\_\_\_\_

Date: \_\_\_\_\_

**EXHIBIT K**

**FORM OF LETTER OF CREDIT**

IRREVOCABLE STANDBY LETTER OF CREDIT NO. [XXXXXXXX]

APPLICANT:  
TO BE ADVISED (SHOULD BE A SINGLE ENTITY)

AMOUNT: TO BE ADVISED

EXPIRY. 1 YEAR FROM ISSUANCE.

Beneficiary:

Clean Power Alliance of Southern California,  
a California joint powers authority  
555 West 5<sup>th</sup> Street, 35<sup>th</sup> Floor  
Los Angeles, CA 90013

Ladies and Gentlemen:

By the order of \_\_XXXX\_\_\_\_\_ (“Applicant”), we,

[XXXXXXXX] (“Issuer”) hereby issue our Irrevocable Standby Letter of Credit No. [XXXXXXXX] (the “Letter of Credit”) in favor of Clean Power Alliance of Southern California, a California joint powers authority (“Beneficiary”), 555 West 5<sup>th</sup> Street, 35<sup>th</sup> Floor, Los Angeles, CA 90013, for an amount not to exceed the aggregate sum of U.S. \$[XXXXXXXX] (United States Dollars [XXXXXX] and 00/100) (the “Available Amount”), pursuant to that certain Energy Storage Agreement dated as of \_\_ (TO BE PROVIDED) \_\_\_ and as amended (the “Agreement”) between Applicant and Beneficiary. This Letter of Credit shall become effective immediately and shall be of no further force or effect at 5:00 p.m., New York time, on [xxxxDate] or, if such day is not a Business Day (as hereinafter defined), on the next Business Day (as may be extended pursuant to the terms of this Letter of Credit, the “Expiration Date”).

For the purposes hereof, “Business Day” shall mean any day on which commercial banks are not authorized or required to close in New York.

Funds under this Letter of Credit are available to Beneficiary by valid presentation on or before 5:00 p.m. New York time, on or before the Expiration Date of a copy of this Letter of Credit No. [XXXXXXXX] and all amendments accompanied by Beneficiary’s dated statement purportedly signed by Beneficiary’s duly authorized representative, in the form attached hereto as Exhibit A, containing one of the two alternative paragraphs set forth in paragraph 2 therein.

Drawing(s) under this Letter of Credit may be presented to us by facsimile transmission to

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facsimile number [XXX] (if presented by fax it must be followed up by a phone call to Issuer at [XXX] to confirm receipt. In the event of a presentation via facsimile transmission, no mail confirmation is necessary and the facsimile transmission will constitute the operative drawing documents.

Issuer hereby agrees that all drafts drawn under and in compliance with the terms of this Letter of Credit will be duly honored if presented to the Issuer before the Expiration Date. All correspondence and any drawings (other than those made by facsimile) hereunder are to be directed to [XXX]. Issuer undertakes to make payment to Beneficiary under this Standby Letter of Credit within three (3) business days of receipt by Issuer of a properly presented Drawing Certificate. The Beneficiary shall receive payment from Issuer by wire transfer to the bank account of the Beneficiary designated in Exhibit A. .

Partial draws are 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.

It is a condition of this Letter of Credit that it shall be deemed automatically extended without an amendment for a one year period (or, if such period ends on a day that is not a Business Day, until the next Business Day thereafter) beginning on the present Expiration Date hereof and upon each anniversary for such date (or, if such period ends on a day that is not a Business Day, until the next Business Day thereafter), unless at least one hundred twenty (120) days prior to any such Expiration Date Issuer has sent Beneficiary written notice by overnight courier service at the address provided below that Issuer elects not to extend this Letter of Credit, in which case it will expire on its then current Expiration Date. No presentation made under this Letter of Credit after such Expiration Date will be honored.

Notwithstanding any reference in this Letter of Credit to any other documents, instruments or agreements, this Letter of Credit contains the entire agreement between Beneficiary and Issuer relating to the obligations of Issuer hereunder.

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 New York, without regard to the principles of conflicts of laws thereunder, shall govern all matters with respect to this Letter of Credit.

Please address all correspondence regarding this Letter of Credit to the attention of [XXX], referring specifically to Issuer's Letter of Credit No. [XXXXXXXX]. For telephone assistance, please contact Issuer's Standby Letter of Credit Department at [XXX-XXX-XXXX] and have this Letter of Credit available.

All notices to Beneficiary shall be in writing and are required to be sent by certified letter, overnight courier, or delivered in person to: Clean Power Alliance of Southern California, a

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California joint powers authority, Chief Financial Officer, 555 West 5th Street, 35th Floor, Los Angeles, CA 90013. Only notices to Beneficiary meeting the requirements of this paragraph shall be considered valid. Any notice to Beneficiary which is not in accordance with this paragraph shall be void and of no force or effect.

[Bank Name]

---

[Insert officer name]

[Insert officer title]

EXHIBIT A

(DRAW REQUEST SHOULD BE ON BENEFICIARY’S LETTERHEAD)

Drawing Certificate

[Insert Bank Name and Address]

Ladies and Gentlemen:

The undersigned, a duly authorized representative of [ ], [ADDRESS], as beneficiary (the “Beneficiary”) of the Irrevocable Letter of Credit No. [XXXXXXX] (the “Letter of Credit”) issued by [insert bank name] (the “Bank”) by order of \_\_\_\_\_ (the “Applicant”), hereby certifies to the Bank as follows:

1. Applicant and Beneficiary are party to that certain Energy Storage Agreement dated as of \_\_\_\_\_, 20\_\_ (the “Agreement”).
2. Beneficiary is making a drawing under this Letter of Credit in the amount of U.S. \$\_\_\_\_\_ because a Seller Event of Default (as such term is defined in the Agreement) has occurred.

or

Beneficiary is making a drawing under this Letter of Credit in the amount of U.S. \$\_\_\_\_\_, which equals the full available amount under the Letter of Credit, because Applicant is required to maintain the Letter of Credit in force and effect beyond the expiration date of the Letter of Credit but has failed to provide Beneficiary with a replacement Letter of Credit or other acceptable instrument within thirty (30) days prior to such expiration date.

3. The undersigned is a duly authorized representative of [ ] and is authorized to execute and deliver this Drawing Certificate on behalf of Beneficiary.

You are hereby directed to make payment of the requested amount to [ ] by wire transfer in immediately available funds to the following account:

[Specify account information]

[ ]

\_\_\_\_\_  
Name and Title of Authorized Representative

Date\_\_\_\_\_

**EXHIBIT L**  
**FORM OF GUARANTY**

[Pending guarantor review]

This Guaranty (this “**Guaranty**”) is entered into as of [\_\_\_\_\_] (the “**Effective Date**”) by and between [\_\_\_\_\_] a [\_\_\_\_\_] (“**Guarantor**”), and Clean Power Alliance of Southern California, a California joint powers authority (together with its successors and permitted assigns, “**Buyer**”).

**Recitals**

- A. Buyer and [SELLER ENTITY], a \_\_\_\_\_ (“**Seller**”), entered into that certain Energy Storage Agreement (as amended, restated or otherwise modified from time to time, the “**PPA**”) dated as of [\_\_\_\_\_] 20\_\_.
- B. Guarantor is entering into this Guaranty as Performance Security to secure Seller’s obligations under the PPA, as required by Section 8.8 of the PPA.
- C. It is in the best interest of Guarantor to execute this Guaranty inasmuch as Guarantor will derive substantial direct and indirect benefits from the execution and delivery of the PPA.
- D. Initially capitalized terms used but not defined herein have the meaning set forth in the PPA.

**Agreement**

**1. Guaranty.** For value received, Guarantor does hereby unconditionally, absolutely and irrevocably guarantee, as primary obligor and not as a surety, to Buyer the full, complete and prompt payment by Seller of any and all amounts and payment obligations now or hereafter owing from Seller to Buyer under the PPA, including, without limitation, compensation for penalties, the Termination Payment, indemnification payments or other damages, as and when required pursuant to the terms of the PPA (the “**Guaranteed Amount**”), provided, that Guarantor’s aggregate liability under or arising out of this Guaranty shall not exceed \_\_\_\_\_ Dollars (\$\_\_\_\_\_). The Parties understand and agree that any payment by Guarantor or Seller of any portion of the Guaranteed Amount shall thereafter reduce Guarantor’s maximum aggregate liability hereunder on a dollar-for-dollar basis. This Guaranty is an irrevocable, absolute, unconditional and continuing guarantee of the full and punctual payment and performance, and not of collection, of the Guaranteed Amount and, except as otherwise expressly addressed herein, is in no way conditioned upon any requirement that Buyer first attempt to collect the payment of the Guaranteed Amount from Seller, any other guarantor of the Guaranteed Amount or any other Person or entity or resort to any other means of obtaining payment of the Guaranteed Amount. In the event Seller shall fail to duly, completely or punctually pay any Guaranteed Amount as required pursuant to the PPA, Guarantor shall promptly pay such amount as required herein.

**2. Demand Notice.** For avoidance of doubt, a payment shall be due for purposes of this Guaranty only when and if a payment is due and payable by Seller to Buyer under the terms and

Exhibit L - 1

conditions of the Agreement. If Seller fails to pay any Guaranteed Amount as required pursuant to the PPA for five (5) Business Days following Seller's receipt of Buyer's written notice of such failure (the "**Demand Notice**"), then Buyer may elect to exercise its rights under this Guaranty and may make a demand upon Guarantor (a "**Payment Demand**") for such unpaid Guaranteed Amount. A Payment Demand shall be in writing and shall reasonably specify in what manner and what amount Seller has failed to pay and an explanation of why such payment is due and owing, with a specific statement that Buyer is requesting that Guarantor pay under this Guaranty. Guarantor shall, within five (5) Business Days following its receipt of the Payment Demand, pay the Guaranteed Amount to Buyer.

**3. Scope and Duration of Guaranty.** This Guaranty applies only to the Guaranteed Amount. This Guaranty shall continue in full force and effect from the Effective Date until the earlier of the following: (x) all Guaranteed Amounts have been paid in full (whether directly or indirectly through set-off or netting of amounts owed by Buyer to Seller), or (y) replacement Performance Security is provided in an amount and form required by the terms of the PPA. Further, this Guaranty (a) shall remain in full force and effect without regard to, and shall not be affected or impaired by any invalidity, irregularity or unenforceability in whole or in part of this Guaranty, and (b) subject to the preceding sentence, shall be discharged only by complete performance of the undertakings herein. Without limiting the generality of the foregoing, the obligations of the Guarantor hereunder shall not be released, discharged, or otherwise affected and this Guaranty shall not be invalidated or impaired or otherwise affected for the following reasons:

- (i) the extension of time for the payment of any Guaranteed Amount, or
- (ii) any amendment, modification or other alteration of the PPA, or
- (iii) any indemnity agreement Seller may have from any party, or
- (iv) any insurance that may be available to cover any loss, except to the extent insurance proceeds are used to satisfy the Guaranteed Amount, or
- (v) any voluntary or involuntary liquidation, dissolution, receivership, insolvency, bankruptcy, assignment for the benefit of creditors, reorganization, arrangement, composition or readjustment of, or other similar proceeding affecting, Seller or any of its assets, including but not limited to any rejection or other discharge of Seller's obligations under the PPA imposed by any court, trustee or custodian or any similar official or imposed by any law, statute or regulation, in each such event in any such proceeding, or
- (vi) the release, modification, waiver or failure to pursue or seek relief with respect to any other guaranty, pledge or security device whatsoever, or
- (vii) any payment to Buyer by Seller that Buyer subsequently returns to Seller pursuant to court order in any bankruptcy or other debtor-relief proceeding, or
- (viii) those defenses based upon (A) the legal incapacity or lack of power or authority of any Person, including Seller and any representative of Seller to enter into the PPA or perform its obligations thereunder, (B) lack of due execution, delivery, validity or enforceability, including of

Exhibit L - 2

the PPA, or (C) Seller's inability to pay any Guaranteed Amount or perform its obligations under the PPA, or

(ix) any other event or circumstance that may now or hereafter constitute a defense to payment of the Guaranteed Amount, including, without limitation, statute of frauds and accord and satisfaction;

provided that Guarantor reserves the right to assert for itself any defenses, setoffs or counterclaims that Seller is or may be entitled to assert against Buyer (except for such defenses, setoffs or counterclaims that may be asserted by Seller with respect to the PPA, but that are expressly waived under any provision of this Guaranty).

**4. Waivers by Guarantor.** Guarantor hereby unconditionally waives as a condition precedent to the performance of its obligations hereunder, with the exception of the requirements in Paragraph 2, (a) notice of acceptance, presentment or protest with respect to the Guaranteed Amounts and this Guaranty, (b) notice of any action taken or omitted to be taken by Buyer in reliance hereon, (c) any requirement that Buyer exhaust any right, power or remedy or proceed against Seller under the PPA, and (d) any event, occurrence or other circumstance which might otherwise constitute a legal or equitable discharge of a surety. Without limiting the generality of the foregoing waiver of surety defenses, it is agreed that the occurrence of any one or more of the following shall not affect the liability of Guarantor hereunder:

(i) at any time or from time to time, without notice to Guarantor, the time for payment of any Guaranteed Amount shall be extended, or such performance or compliance shall be waived;

(ii) the obligation to pay any Guaranteed Amount shall be modified, supplemented or amended in any respect in accordance with the terms of the PPA;

(iii) subject to Section 10, any (a) sale, transfer or consolidation of Seller into or with any other entity, (b) sale of substantial assets by, or restructuring of the corporate existence of, Seller or (c) change in ownership of any membership interests of, or other ownership interests in, Seller; or

(iv) the failure by Buyer or any other Person to create, preserve, validate, perfect or protect any security interest granted to, or in favor of, Buyer or any Person.

**5. Subrogation.** Notwithstanding any payments that may be made hereunder by the Guarantor, Guarantor hereby agrees that until the earlier of payment in full of all Guaranteed Amounts or expiration of the Guaranty in accordance with Section 3, it shall not be entitled to, nor shall it seek to, exercise any right or remedy arising by reason of its payment of any Guaranteed Amount under this Guaranty, whether by subrogation or otherwise, against Seller or seek contribution or reimbursement of such payments from Seller.

**6. Representations and Warranties.** Guarantor hereby represents and warrants that (a) it has all necessary and appropriate limited liability company powers and authority and the legal right to execute and deliver, and perform its obligations under, this Guaranty, (b) this Guaranty constitutes its legal, valid and binding obligations enforceable against it in accordance with its

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terms, except as enforceability may be limited by bankruptcy, insolvency, moratorium and other similar laws affecting enforcement of creditors' rights or general principles of equity, (c) the execution, delivery and performance of this Guaranty does not and will not contravene Guarantor's organizational documents, any applicable Law or any contractual provisions binding on or affecting Guarantor, (d) there are no actions, suits or proceedings pending before any court, governmental agency or arbitrator, or, to the knowledge of the Guarantor, threatened, against or affecting Guarantor or any of its properties or revenues which may, in any one case or in the aggregate, adversely affect the ability of Guarantor to enter into or perform its obligations under this Guaranty, and (e) no consent or authorization of, filing with, or other act by or in respect of, any arbitrator or Governmental Authority, and no consent of any other Person (including, any stockholder or creditor of the Guarantor), that has not heretofore been obtained is required in connection with the execution, delivery, performance, validity or enforceability of this Guaranty by Guarantor.

**7. Notices.** Notices under this Guaranty shall be deemed received if sent to the address specified below: (i) on the day received if served by overnight express delivery, and (ii) four Business Days after mailing if sent by certified, first class mail, return receipt requested. If transmitted by facsimile, such notice shall be deemed received when the confirmation of transmission thereof is received by the party giving the notice. Any party may change its address or facsimile to which notice is given hereunder by providing notice of the same in accordance with this Paragraph 8.

If delivered to Buyer, to it at	_____
	Attn: _____
	Fax: _____

If delivered to Guarantor, to it at	_____
	Attn: _____
	Fax: _____

**8. Governing Law and Forum Selection.** This Guaranty shall be governed by, and interpreted and construed in accordance with, the laws of the United States and the State of California, excluding choice of law rules. The Parties agree that any suit, action or other legal proceeding by or against any party (or its affiliates or designees) with respect to or arising out of this Guaranty shall be brought in the federal courts of the United States or the courts of the State of California sitting in the City and County of Los Angeles, California.

**9. Miscellaneous.** This Guaranty shall be binding upon Guarantor and its successors and assigns and shall inure to the benefit of Buyer and its successors and permitted assigns pursuant to the PPA. No provision of this Guaranty may be amended or waived except by a written instrument executed by Guarantor and Buyer. This Guaranty is not assignable by Guarantor without the prior written consent of Buyer. No provision of this Guaranty confers, nor is any provision intended to confer, upon any third party (other than Buyer's successors and permitted assigns) any benefit or

right enforceable at the option of that third party. This Guaranty embodies the entire agreement and understanding of the parties hereto with respect to the subject matter hereof and supersedes all prior or contemporaneous agreements and understandings of the parties hereto, verbal or written, relating to the subject matter hereof. If any provision of this Guaranty is determined to be illegal or unenforceable (i) such provision shall be deemed restated in accordance with applicable Laws to reflect, as nearly as possible, the original intention of the parties hereto and (ii) such determination shall not affect any other provision of this Guaranty and all other provisions shall remain in full force and effect. This Guaranty may be executed in any number of separate counterparts, each of which when so executed shall be deemed an original, and all of said counterparts taken together shall be deemed to constitute one and the same instrument. This Guaranty may be executed and delivered by electronic means with the same force and effect as if the same was a fully executed and delivered original manual counterpart.

#### **10. WAIVER OF JURY TRIAL; JUDICIAL REFERENCE.**

(a) JURY WAIVER. EACH PARTY HERETO HEREBY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY RIGHT IT MAY HAVE TO A TRIAL BY JURY IN ANY LEGAL PROCEEDING DIRECTLY OR INDIRECTLY ARISING OUT OF OR RELATING TO THIS GUARANTY OR THE TRANSACTIONS CONTEMPLATED HEREBY (WHETHER BASED ON CONTRACT, TORT OR ANY OTHER THEORY). EACH PARTY HERETO (A) CERTIFIES THAT NO REPRESENTATIVE, AGENT OR ATTORNEY OF ANY OTHER PARTY HAS REPRESENTED, EXPRESSLY OR OTHERWISE, THAT SUCH OTHER PARTY WOULD NOT, IN THE EVENT OF LITIGATION, SEEK TO ENFORCE THE FOREGOING WAIVER AND (B) ACKNOWLEDGES THAT IT AND THE OTHER PARTY HERETO HAVE BEEN INDUCED TO ENTER INTO THIS AGREEMENT BY, AMONG OTHER THINGS, THE MUTUAL WAIVERS AND CERTIFICATIONS IN THIS SECTION.

(b) JUDICIAL REFERENCE. IN THE EVENT ANY LEGAL PROCEEDING IS FILED IN A COURT OF THE STATE OF CALIFORNIA (THE “COURT”) BY OR AGAINST ANY PARTY HERETO IN CONNECTION WITH ANY CONTROVERSY, DISPUTE OR CLAIM DIRECTLY OR INDIRECTLY ARISING OUT OF OR RELATING TO THIS GUARANTY OR THE TRANSACTIONS CONTEMPLATED HEREBY (WHETHER BASED ON CONTRACT, TORT OR ANY OTHER THEORY) (EACH, A “CLAIM”) AND THE WAIVER SET FORTH IN THE PRECEDING PARAGRAPH IS NOT ENFORCEABLE IN SUCH ACTION OR PROCEEDING, THE PARTIES HERETO AGREE AS FOLLOWS:

- (i) ANY CLAIM (INCLUDING BUT NOT LIMITED TO ALL DISCOVERY AND LAW AND MOTION MATTERS, PRETRIAL MOTIONS, TRIAL MATTERS AND POST-TRIAL MOTIONS) WILL BE DETERMINED BY A GENERAL REFERENCE PROCEEDING IN ACCORDANCE WITH THE PROVISIONS OF CALIFORNIA CODE OF CIVIL PROCEDURE SECTIONS 638 THROUGH 645.1. THE PARTIES INTEND THIS GENERAL REFERENCE AGREEMENT TO BE SPECIFICALLY ENFORCEABLE IN ACCORDANCE WITH CALIFORNIA CODE OF CIVIL PROCEDURE SECTION 638.

- (ii) UPON THE WRITTEN REQUEST OF ANY PARTY, THE PARTIES SHALL SELECT A SINGLE REFEREE, WHO SHALL BE A RETIRED JUDGE OR JUSTICE. IF THE PARTIES DO NOT AGREE UPON A REFEREE WITHIN TEN (10) DAYS OF SUCH WRITTEN REQUEST, THEN, ANY PARTY MAY REQUEST THE COURT TO APPOINT A REFEREE PURSUANT TO CALIFORNIA CODE OF CIVIL PROCEDURE SECTION 640(B).
- (iii) THE PARTIES RECOGNIZE AND AGREE THAT ALL CLAIMS RESOLVED IN A GENERAL REFERENCE PROCEEDING PURSUANT HERETO WILL BE DECIDED BY A REFEREE AND NOT BY A JURY.

*[Signature on next page]*



IN WITNESS WHEREOF, the undersigned has caused this Guaranty to be duly executed and delivered by its duly authorized representative on the date first above written.

GUARANTOR:

[\_\_\_\_\_]

By:\_\_\_\_\_

Printed Name:\_\_\_\_\_

Title:\_\_\_\_\_

BUYER:

[\_\_\_\_\_]

By:\_\_\_\_\_

Printed Name:\_\_\_\_\_

Title:\_\_\_\_\_

By:\_\_\_\_\_

Printed Name:\_\_\_\_\_

Title:\_\_\_\_\_

**EXHIBIT M**

**FORM OF REPLACEMENT RA NOTICE**

This Replacement RA Notice (this “**Notice**”) is delivered by [SELLER ENTITY] (“**Seller**”) to Clean Power Alliance of Southern California, a California joint powers authority (“**Buyer**”) in accordance with the terms of that certain Energy Storage Agreement dated \_\_\_\_\_ (“**Agreement**”) by and between Seller and Buyer. All capitalized terms used in this Notice but not otherwise defined herein shall have the respective meanings assigned to such terms in the Agreement.

Pursuant to Section 3.5 of the Agreement, Seller hereby provides the below Replacement RA product information:

**Unit Information<sup>1</sup>**

Name	
Location	
CAISO Resource ID	
Unit SCID	
Prorated Percentage of Unit Factor	
Resource Type	
Point of Interconnection with the CAISO Controlled Grid (“substation or transmission line”)	
Path 26 (North or South)	
LCR Area (if any)	
Deliverability restrictions, if any, as described in most recent CAISO deliverability assessment	
Run Hour Restrictions	
Delivery Period	

Month	Unit CAISO NQC (MW)	Unit Contract Quantity (MW)
January		
February		
March		
April		
May		
June		
July		
August		
September		
October		
November		
December		

<sup>1</sup> To be repeated for each unit if more than one.

[SELLER ENTITY]

By: \_\_\_\_\_

Its: \_\_\_\_\_

Date: \_\_\_\_\_

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**EXHIBIT N**  
**NOTICES**

<b>LUNA STORAGE, LLC</b> ("Seller")	<b>CLEAN POWER ALLIANCE OF SOUTHERN CALIFORNIA, a California joint powers authority</b> ("Buyer")
<b>All Notices:</b>  Street: 2180 South 1300 East, Suite 600 City: Salt Lake City, Utah 84106 Attn: General Counsel  Phone: 801-679-3506 Email: <a href="mailto:notices@spower.com">notices@spower.com</a>	<b>All Notices:</b>  Street: 500 W. 5th Street, 35th Floor City: Los Angeles, CA 90013 Attn: Executive Director  Phone: (213) 269-5870 Email: <a href="mailto:tbardacke@cleanpoweralliance.org">tbardacke@cleanpoweralliance.org</a>
<b>Reference Numbers:</b> Duns: Federal Tax ID Number:	<b>Reference Numbers:</b> Duns: Federal Tax ID Number:
<b>Invoices:</b> Attn: Accounts Payable Phone: 801-679-3512 E-mail: <a href="mailto:accountspayable@spower.com">accountspayable@spower.com</a>	<b>Invoices:</b> Attn: Director, Power Planning & Procurement Phone: (213) 269-5870 E-mail: <a href="mailto:settlements@cleanpoweralliance.org">settlements@cleanpoweralliance.org</a>
<b>Scheduling:</b> Attn: Control Room Phone: 855-679-3553 Email: <a href="mailto:ControlRoom@spower.com">ControlRoom@spower.com</a>	<b>Scheduling: TBD</b> Attn: Phone: Email:
<b>Confirmations:</b> Attn: Director, Utility Power Marketing Phone: (415) 692-7572 Email: <a href="mailto:tkalbag@spower.com">tkalbag@spower.com</a>	<b>Confirmations:</b> Attn: Director, Power Planning & Procurement Phone: (213) 269-5870 Email: <a href="mailto:nkeefe@cleanpoweralliance.org">nkeefe@cleanpoweralliance.org</a>
<b>Payments:</b> Attn: Accounts Payable Phone: 801-679-3512 E-mail: <a href="mailto:accountspayable@spower.com">accountspayable@spower.com</a>	<b>Payments:</b> Attn: Director, Power Planning & Procurement Phone: (213) 269-5870 E-mail: <a href="mailto:settlements@cleanpoweralliance.org">settlements@cleanpoweralliance.org</a>
<b>Wire Transfer:</b> BNK: ABA: ACCT:	<b>Wire Transfer:</b> BNK: River City Bank ABA: 121-133-416 ACCT: XXXXXX8042

**EXHIBIT O**  
**CAPACITY TESTS**

**Capacity Test Notice and Frequency**

A. Commercial Operation Capacity Test(s). Upon no less than ten (10) Business Days prior Notice to Buyer, Seller shall schedule and complete a Commercial Operation Capacity Test prior to the Commercial Operation Date. Such initial Commercial Operation Capacity Test (and any subsequent Commercial Operation Capacity Test permitted in accordance with Exhibit B) shall be performed in accordance with this Exhibit O and shall establish the Installed Capacity and initial Efficiency Rate hereunder based on the actual capacity and capabilities of the Facility determined by such Commercial Operation Capacity Test(s).

B. Subsequent Capacity Tests. Following the Commercial Operation Capacity Test(s), at least fifteen (15) days in advance of the start of each Contract Year, upon no less than ten (10) Business Days prior Notice to Buyer, Seller shall schedule and complete a Capacity Test. In addition, Buyer shall have the right to require a retest of the Capacity Test at any time upon no less than five (5) Business Days prior written Notice to Seller if Buyer provides data with such Notice reasonably indicating that the then-current Effective Capacity or Efficiency Rate have varied materially from the results of the most recent prior Capacity Test. Seller shall have the right to run a retest of any Capacity Test at any time upon five (5) Business Days' prior written Notice to Buyer (or any shorter period reasonably acceptable to Buyer consistent with Prudent Operating Practice).

C. Test Results and Re-Setting of Effective Capacity and Efficiency Rate. No later than five (5) days following any Capacity Test, Seller shall submit a testing report detailing results and findings of the test. The report shall include Facility Meter readings and plant log sheets verifying the operating conditions and output of the Facility. In accordance with Section 4.4(c) of the Agreement and Part II(I) below, after the Commercial Operation Capacity Test(s), the Effective Capacity (up to, but not in excess of, the Installed Capacity) and Efficiency Rate determined pursuant to such Capacity Test shall become the new Effective Capacity and Efficiency Rate at the beginning of the day following the completion of the test for calculating the Contract Price and all other purposes under this Agreement.

**Capacity Test Procedures**

**PART I. GENERAL.**

- A. Each Capacity Test shall be conducted in accordance with Prudent Operating Practices, the Operating Restrictions, and the provisions of this Exhibit O. For ease of reference, a Capacity Test is sometimes referred to in this Exhibit O as a "**CT**". Buyer or its representative may be present for the CT and may, for informational purposes only, use its own metering equipment (at Buyer's sole cost).

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B. Conditions Prior to Testing.

- (1) EMS Functionality. The EMS shall be successfully configured to receive data from the Battery Management System (BMS), exchange DNP3 data with the Buyer SCADA device, and transfer data to the database server for the calculation, recording and archiving of data points.
- (2) Communications. The Remote Terminal Unit (RTU) testing should be successfully completed prior to any testing. The interface between Buyer's RTU and the Facility SCADA system should be fully tested and functional prior to starting any testing, including verification of the data transmission pathway between the Buyer's RTU and Seller's EMS interface and the ability to record SCADA data.
- (3) Commissioning Checklist. Commissioning shall be successfully completed per manufacturer guidance on all installed Facility equipment, including verification that all controls, set points, and instruments of the EMS are configured.

PART II. REQUIREMENTS APPLICABLE TO ALL CAPACITY TESTS.

A. Test Elements. Each CT shall include at least the following individual test elements, which must be conducted in the order prescribed in Part III of this Exhibit O, unless the Parties mutually agree to deviations therefrom. For the avoidance of doubt, the Parties acknowledge and agree that should Seller fall short of demonstrating one or more of the Test Elements as specified below, the Test will still be deemed "complete," and any adjustments necessary to the Effective Capacity or to the Efficiency Rate resulting from such Test, if applicable, will be made in accordance with this Exhibit O.

- (1) Electrical output at maximum discharging level (MW) for four (4) continuous hours;
- (2) Electrical input at maximum charging level at the Facility Meter (MW), as sustained until the Stored Energy Level reaches at least 90%, continued by the electrical input at a rate up to the maximum charging level at the Facility Meter (MW), as sustained until the Stored Energy Level reaches 100%, not to exceed five (5) hours of total charging time; and
- (3) As necessary, a rest period between test phases not to exceed two (2) hours.

B. Parameters. During each CT, the following parameters shall be measured and recorded simultaneously for the Facility, at two (2) second intervals:

- (1) Time;

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- (2) Net electrical energy output to the Facility Meters (kWh) (i.e., to each measurement device making up the Facility Meter);
  - (3) Net electrical energy input from the Facility Meters (kWh) (i.e., from each measurement device making up the Facility Meter);
  - (4) Stored Energy Level (MWh).
- C. Site Conditions. During each CT, the following conditions at the Site shall be measured and recorded simultaneously at thirty (30) minute intervals:
- (1) Relative humidity (%);
  - (2) Barometric pressure (inches Hg) near the horizontal centerline of the Facility; and
  - (3) Ambient air Temperature (°F).
- D. Test Showing. Each CT shall record and report the following datapoints:
- (1) That the CT successfully started;
  - (2) The maximum sustained discharging level for four (4) consecutive hours pursuant to A(1) above;
  - (3) The maximum sustained charging level for four (4) consecutive hours pursuant to A(2) above;
  - (4) Amount of time between the Facility's electrical output going from 0 to the maximum sustained discharging level registered during the Test (for purposes of calculating the Ramp Rate);
  - (5) Amount of time between the Facility's electrical input going from 0 to the maximum sustained charging level registered during the Test (for purposes of calculating the Ramp Rate);
  - (6) Amount of Charging Energy, registered at the Facility Meter, to go from 0% Stored Energy Level to 100% Stored Energy Level;
  - (7) Amount of Discharging Energy, registered at the Facility Meter, to go from 100% Stored Energy Level to 0% Stored Energy Level.
- E. Test Conditions.
- (1) General. At all times during a CT, the Facility shall be operated in compliance with Prudent Operating Practices, the Operating Restrictions,

and all operating protocols recommended, required or established by the manufacturer for the Facility.

- (2) Abnormal Conditions. If abnormal operating conditions that prevent the testing or recordation of any required parameter occur during a CT, Seller may postpone or reschedule all or part of such CT in accordance with Part II.F below.
- (3) Instrumentation and Metering. Seller shall provide all instrumentation, metering and data collection equipment required to perform the CT. The instrumentation, metering and data collection equipment electrical meters shall be calibrated in accordance with Prudent Operating Practice and, as applicable, the CAISO Tariff.

F. Incomplete Test. If any CT is not completed in accordance herewith, Buyer may in its sole discretion: (i) accept the results up to the time the CT stopped without any modification to the Effective Capacity or Efficiency Rate pursuant to Section I below; (ii) require that the portion of the CT not completed, be completed within a reasonable specified time period; or (iii) require that the CT be entirely repeated. Notwithstanding the above, if Seller is unable to complete a CT due to a Force Majeure Event or the actions or inactions of Buyer or the CAISO or the Transmission Provider, Seller shall be permitted to reconduct such CT on dates and at times reasonably acceptable to the Parties.

G. Test Report. Within five (5) Business Days after the completion of any CT, Seller shall prepare and submit to Buyer a written report of the results of the CT, which report shall include:

- (1) A record of the personnel present during the CT that served in an operating, testing, monitoring or other such participatory role;
- (2) The measured and calculated data for each parameter set forth in Part II.A through D, including copies of the raw data taken during the test; and
- (3) Seller's statement of either Seller's acceptance of the CT or Seller's rejection of the CT results and reason(s) therefor.

Within five (5) Business Days after receipt of such report, Buyer shall notify Seller in writing of either Buyer's acceptance of the CT results or Buyer's rejection of the CT and reason(s) therefor.

If either Party rejects the results of any CT, such CT shall be repeated in accordance with Part II.F.

H. Supplementary Capacity Test Protocol. No later than sixty (60) days prior to commencing Facility construction, Seller shall deliver to Buyer for its review and approval (such approval not to be unreasonably delayed or withheld) a supplement

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to this Exhibit O with additional and supplementary details, procedures and requirements applicable to Capacity Tests based on the then-current design of the Facility (“**Supplementary Capacity Test Protocol**”). Thereafter, from time to time, Seller may deliver to Buyer for its review and approval (such approval not to be unreasonably delayed or withheld) any Seller recommended updates to the then-current Supplementary Capacity Test Protocol. The initial Supplementary Capacity Test Protocol (and each update thereto), once approved by Buyer, shall be deemed an amendment to this Exhibit O.

I. Adjustment to Effective Capacity and Efficiency Rate. The Effective Capacity and Efficiency Rate shall be updated as follows:

- (1) The total amount of Facility Energy delivered to the Delivery Point (expressed in MWh AC) during the first four (4) hours of discharge (up to, but not in excess of, the product of (i) (a) the Guaranteed Capacity (in the case of a Commercial Operation Capacity Test, including under Section 5 of Exhibit B) or (b) the Installed Capacity (in the case of any other Capacity Test), multiplied by (ii) four (4) hours) shall be divided by four (4) hours to determine the Effective Capacity, which shall be expressed in MW AC, and shall be the new Effective Capacity in accordance with Section 4.4 of the Agreement.
- (2) The total amount of Facility Energy (as measured in PART IID(6) above) divided by the total amount of Charging Energy (as measured in PART II D(7) above, and expressed as a percentage, shall be recorded as the new Efficiency Rate, and shall be used thereafter for the purposes of Exhibit C unless updated pursuant to a subsequent Capacity Test.

PART III. INITIAL SUPPLEMENTARY CAPACITY TEST PROTOCOL.

A. **Effective Capacity and Efficiency Rate Test**

• Procedure:

- (1) System Starting State: The Facility will be in the on-line state at 0% state of charge (SOC)
- (2) Record the initial value of the Facility SOC.
- (3) Command a real power charge that results in an AC power of Facility’s maximum charging level, and continue charging until the earlier of (a) the Facility has reached 100% SOC or (b) five (5) hours have lapsed since the Facility commenced charging.
- (4) Record and store the AC energy charged to the Facility as measured at the Facility Meter (“**Energy In**”).

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- (5) Following an agreed-upon rest period, command a real power discharge that results in an AC power output of the Facility's maximum discharging level and maintain the discharging state until the earlier of (a) the Facility has discharged at the maximum discharging level for four (4) consecutive hours, (b) the Facility has reached 0% SOC, or (c) the sustained discharging level is at least 2% less than the maximum discharging level.
  - (6) Record and store the AC Energy discharged (in MWh) as measured at the Facility Meter. Such data point shall be used for purposes of calculation the Effective Capacity.
  - (7) If the Facility has not reached 0% SOC pursuant to Section III.A.5, continue discharging the Facility until it reaches a 0% SOC.
  - (8) Record and store the AC Energy discharged (in MWh) as measured at the Facility Meter, if applicable. "**Energy Out**" means that total AC Energy discharged (in MWh) as measured at the Facility Meter from the commencement of discharging pursuant to Section III.A.5 until the Facility has reached a 0% SOC pursuant to either Section III.A.5 or Section III.A.7, as applicable.
- Test Results
    - (1) The resulting Efficiency Rate is calculated as Energy Out/Energy In.
    - (2) The resulting Effective Capacity measurement is the sum of the total Discharged Energy at the Facility Meter divided by four (4) hours.

**B. AGC Discharge Test**

- Purpose: This test will demonstrate the AGC discharge capability to achieve the Facility's maximum discharging level within 1 second.
- System starting state: The Facility will be in the on-line state at 50% SOC and at an initial active power level of 0 MW and reactive power level of 0 MVAR. The EMS will be configured to follow a predefined agreed-upon active power profile.
- Procedure:
  - (1) Record the Facility active power level at the Facility Meter.
  - (2) Command the Facility to follow a simulated CAISO RIG signal of 100 MW for ten (10) minutes.
  - (3) Record and store the Facility active power response (in seconds).
- System end state: The Facility will be in the on-line state and at a commanded active power level of 0 MW.

### **C. AGC Charge Test**

- Purpose: This test will demonstrate the AGC charge capability to achieve the facility's full charging level within 1 second.
- System starting state: The Facility will be in the on-line state at 50% SOC and at an initial active power level of 0 MW and reactive power level of 0 MVAR. The Facility control system will be configured to follow a predefined agreed-upon active power profile.
- Procedure:
  - (1) Record the Facility active power level at the Facility Meter.
  - (2) Command the Facility to follow a simulated CAISO RIG signal of -100 MW for ten (10) minutes.
  - (3) Record and store the Facility active power response (in seconds).
- System end state: The Facility will be in the on-line state and at a commanded active power level of 0 MW.

### **D. Reactive Power Production Test**

- Purpose: This test will demonstrate the reactive power production capability of the Facility.
- System starting state: The Facility will be in the on-line state at 50% SOC and at an initial active power level of 0 MW and reactive power level of 0 MVAR. The EMS will be configured to follow an agreed-upon predefined reactive power profile.
- Procedure:
  - (1) Record the Facility reactive power level at the Facility Meter.
  - (2) Command the Facility to follow 50 MVAR for ten (10) minutes.
  - (3) Record and store the Facility reactive power response.
- System end state: The Facility will be in the on-line state and at a commanded reactive power level of 0 MVAR.

### **E. Reactive Power Consumption Test**

- Purpose: This test will demonstrate the reactive power consumption capability of the facility.
- System starting state: The Facility will be in the on-line state at 50% SOC and at an initial active power level of 0 MW and reactive power level of 0 MVAR. The Facility control system will be configured to follow an agreed-upon predefined reactive power profile.
- Procedure:

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- (1) Record the Facility reactive power level at the Facility Meter.
  - (2) Command the Facility to follow -50 MVAR for ten (10) minutes.
  - (3) Record and store the Facility reactive power response.
- System end state: The Facility will be in the on-line state and at a commanded reactive power level of 0 MVAR.

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**EXHIBIT P**

**ANNUAL CAPACITY AVAILABILITY CALCULATION**

(a) Each month of the Delivery Term Buyer shall calculate the year-to-date (YTD) “**Annual Capacity Availability**” using the formula set forth below:

$$\text{Annual Capacity Availability (\%)} = 1 - \frac{\text{Unavailable Settlement Intervals}}{\text{Total YTD Settlement Intervals}}$$

“**Settlement Interval**” or “S.I.” means each successive five-minute interval.

“**Unavailable Settlement Intervals**” means the sum of year-to-date unavailable Settlement Intervals, where for each Settlement Interval:

$$\text{Unavailable Settlement Interval} = 1 \text{ S.I.} \times \left( 1 - \text{the lesser of: } \frac{\text{Available PMAX}}{\text{Effective Capacity}} \text{ or } \frac{\text{Storage Capability (MWh)}}{\text{Effective Capacity} \times 4 \text{ hrs}} \right)$$

“**Storage Capability**” means the sum of the energy throughput capability in MWhs in the applicable Settlement Interval that the Facility is available to be charged and/or discharged.

“**Total YTD Settlement Intervals**” means the total Settlement Intervals year-to-date in the applicable calendar year (commencing upon the Commercial Operation Date).

The Available PMAX and Storage Capability in the above calculations shall be the lower of the amounts reported by (i) Seller’s real-time EMS data feed to Buyer for the Facility and (ii) Seller’s most recent Availability Notice (as updated pursuant to Section 4.10), provided that any such revised Availability Notice indicating the Facility is available for the applicable Settlement Interval is submitted by Seller (a) by 5:00 a.m. of the morning Buyer schedules or bids the Facility in the Day-Ahead Market, or (b) at least sixty (60) minutes prior to the time the Buyer is required to schedule or bid the Facility in the Real-Time Market. Except as otherwise provided in this Agreement, the calculations of “Available PMAX” and “Storage Capability” in the foregoing sentence shall be based solely on the availability of the Facility to charge or discharge Energy from the Facility to

Exhibit Q - 1

or from the Delivery Point, as applicable (excluding for reasons at the high-voltage side of the Delivery Point or beyond.)

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## EXHIBIT Q

### OPERATING RESTRICTIONS

The Parties will develop and finalize operating restrictions for the Facility (the “**Operating Restrictions**”) prior to the Commercial Operation Date, *provided*, the Operating Restrictions (i) may not be materially more restrictive of the operation of the Facility than as set forth below, unless agreed to by Buyer in writing, (ii) will, at a minimum, include the rules, requirements and procedures set forth in this Exhibit Q, (iii) will include protocols and parameters for Seller’s operation of the Facility in the absence of Charging Notices, Discharging Notices or other similar instructions from Buyer relating to the use of the Facility, and (iv) may include facility scheduling, operating restrictions and communications protocols.

<b>File Update Date:</b>		[XX/XX/20XX]	
<b>Technology:</b>		Lithium Ion	
<b>Storage Unit Name:</b>		[Unit Name and Number]	
<b>A. Contract Capacity</b>			
<b>Guaranteed Contract Capacity (MW):</b>	100	<b>Effective Capacity (MW):</b>	
<b>B. Total Unit Dispatchable Range Information</b>			
<b>Interconnect Voltage</b>	[XXX.X] kV		
<b>Maximum Storage Level (MWh):</b>	400		
<b>Minimum Storage Level (MWh):</b>	0		
<b>Stored energy capability (MWh):</b>	400		
<b>Maximum Discharge (MW):</b>	100		
<b>Maximum Charge (MW):</b>	-100		
<b>Guaranteed Efficiency Rate:</b>	Annual curve as provided in the Cover Sheet		
<b>Maximum energy throughput (BET) (MWh/year):</b>	[REDACTED]		
<b>C. Charge and Discharge Rates</b>			
<b>Mode</b>	<b>Maximum (MW)</b>	<b>Ramp Rate (MW/min)</b>	<b>Description</b>
Energy (Charge)	100	[REDACTED]	[REDACTED]
Energy (Discharge)	100	[REDACTED]	[REDACTED]
<b>D. Ancillary Services</b>			
		<b>Frequency regulation is included:</b>	Yes, [REDACTED]
		<b>Spin is included:</b>	Yes, [REDACTED]

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[1]		

**A. OTHER OPERATING RESTRICTIONS.**

- Maximum cycle-equivalents per year: [REDACTED]
- Maximum cycle-equivalents per day: [REDACTED]
- Maximum ambient operating temperature without de-rate: [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]
- Minimum ambient operating temperature without de-rate: [REDACTED]  
[REDACTED]  
[REDACTED]



**EXHIBIT R**  
**METERING DIAGRAM**

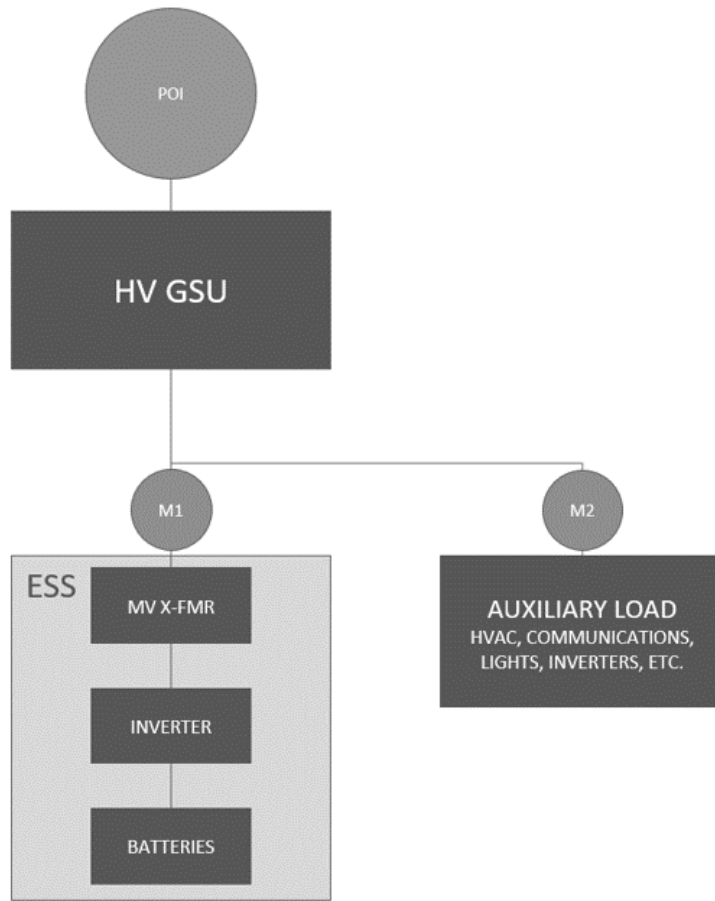


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**EXHIBIT S**  
**FORM OF DAILY OPERATING REPORT**

**DAILY OPERATING REPORT**

for     MM/DD/YY    

**Availability – Capacity - Generation**

**Plant Status at 0600 Hours:**

Unit 1	
<input type="checkbox"/>	Operating
<input type="checkbox"/>	Available
<input type="checkbox"/>	Not Available
See significant events	

**Previous 24 Hours:**

Unit 1	
Operating Hours:	<u>  0:00  </u> Hrs:Min
(0001 – 2400 Total On Line Hours)	
Net Generation:	<u>    0.0  </u> MWhr
(0001 – 2400 Total Net Generation)	

**Facility**

**Total Availability:** 100 %

((On Line Hr + Off Line Available Hr)/24)

**Period Availability:**

Unit 1
M(onth)TD Availability <u>100.00</u> %
P(eak)TD Availability <u>100.00</u> %

**State of Charge:**

Unit 1
Initial State of Charge:
Ending State of Charge:
Battery String State of Charge:

**Significant Events**

---

No significant events, generation losses, major equipment out of service, accidents, injuries or operating anomalies.

Losses of Generation: (Include Date/Time Off Line; Date/Time On Line; Brief Narrative Description of Event.)

List Major Equipment Out of Service; Briefly Describe any Accidents or Injuries; Describe any Operating Anomalies

**EXHIBIT T**

**FORM OF DAILY AVAILABILITY NOTICE**

Trading Day: \_\_\_\_\_

Station: \_\_\_\_\_

Issued By: \_\_\_\_\_

Unit: \_\_\_\_\_

Issued At: \_\_\_\_\_

Unit 100% Available No Restrictions: \_\_\_\_\_

Hour Ending	Available Capacity			Storage Capacity	Comments
	(MW)			(MWh)	
1:00					
2:00					
3:00					
4:00					
5:00					
6:00					
7:00					
8:00					
9:00					
10:00					
11:00					
12:00					
13:00					
14:00					
15:00					
16:00					
17:00					
18:00					
19:00					
20:00					
21:00					
22:00					
23:00					
0:00					

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



## Staff Report – Agenda Item 6

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**To:** Clean Power Alliance (CPA) Board of Directors  
**From:** David McNeil, Chief Financial Officer  
**Approved By:** Ted Bardacke, Executive Director  
**Subject:** Proposed Amendment to Fiscal Year 2019/20 Budget  
**Date:** April 2, 2020

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### **RECOMMENDATION**

Approve Amendment to the Fiscal Year (FY) 2019/20 Budget (“Amendment”).

### **BACKGROUND**

Each year CPA develops an annual budget to govern the receipt of revenues and disbursement of expenditures during the upcoming fiscal year. In June 2019 CPA’s Board of Directors approved the FY 2019/20 Budget (“Budget”). On March 25, 2020 the Finance Committee reviewed the proposed Amendment and recommended its approval to the Board of Directors.

The proposed Amendment reflects increases to both revenue and expense budget line items. The increase in budgeted revenue offsets the increased cost of energy. Proposed operating expense increases are offset by decreases in other operating expense line items. In addition, staff propose an increase to capital expenditures to potentially accelerate some expenditures to keep CPA’s move to new offices on track. The impact of the proposed Amendment on the budgeted contribution to the net position is zero.

**BUDGET DETAIL**

The Amendment includes changes to the following Budget line items:

**Revenue – electricity (+\$51,375,000, +6.9%):** Budgeted electricity revenues are based on estimates of customer electricity usage and retail electricity rates. The increase in revenue results primarily lower opt-out rates than those assumed in the FY 2019/20 Budget and the small rate change approved by the Board in September 2019.

**Cost of energy (+51,375,000, +7.5%):** Cost of energy includes expenses associated with the purchase of system energy, renewable energy, resource adequacy, and charges by the California Independent Systems Operator (CAISO) for load, and services performed by the CAISO. CAISO charges for load are based on customer energy use and prices at the Default Load Aggregation Point (DLAP). Credits for energy generation scheduled into the CAISO market and revenues arising from Congestion Revenue Rights (CRRs) are netted from the cost of energy. CAISO credits for energy generation are based on wholesale energy deliveries and Locational Margin Prices (LMPs). CRRs are financial instruments created by the CAISO which enable load serving entities, such as CPA, to manage price differences between wholesale energy delivery locations and retail use points. Increased energy costs result primarily from lower customer opt-out rates than those assumed in the Budget.

**Staffing (-\$206,000; 4.2% decrease):** Staffing costs include salaries and benefits payable in accordance with CPA's Board-approved Employee Handbook. Decreased costs result from a slower pace of hiring than assumed in the Budget.

**Technical services (-\$100,000; 5.6% decrease):** Technical services include rate setting and energy management related services such as scheduling coordination, rate setting, energy portfolio management consulting services, including assistance with risk management, and consultant support for the 2019 Request for Offers for Long Term Clean Energy Resources (Long Term RFO). Current providers of technical services include The Energy Authority (portfolio/risk management and scheduling) and MRW Associates (rates and revenue modeling) and Ascend Analytics (RFO support). The

decrease reflects the non-utilization of contingencies and the insourcing of some energy portfolio management activities beginning in March 2020.

**Legal services (-\$96,000; 8.0% decrease):** Legal services support CPA's contracting, including contracting for short term energy, resource adequacy, long term renewable energy, and other activities. Current providers of Legal Services include Hall Energy Law and Clean Energy Counsel (energy contracting), Braun Blasing Smith Wynne (CPUC compliance), and Polsinelli (employment law). Reduced costs reflect the non-utilization of contingencies.

**Other services (+\$403,000; 74.8% increase):** Other services represent professional services not budgeted under Technical or Legal services and include costs associated with support for the local programs strategic planning project (Arup), financial auditing (Baker Tilly), strategic planning services that will support the development of a technology road map (Energy Research Cooperative), information technology support (Neutrino Networks) and accounting services (Maher Accountancy). Higher Other services costs result from a variety of operating activities including the use of recruiters to attract key staff, investments in staff training services, contracting with a lobbying firm and the extension of a contract for outsourced accounting services with Maher Accountancy which is needed to support the transition of accounting functions in-house.

**Communications and marketing services (-\$100,000; 28.7% decrease):** Communications and related services include costs associated with customer outreach, marketing, branding, website management, translation, advertising, special events and sponsorships. Decreased costs reflect the non-utilization of contingencies and the insourcing of communications and marketing activities.

**Customer notices and mailing services (+\$100,000, 33.3% increase):** Increased customer notices and mailing services costs arise from higher than budgeted noticing costs for customer move-ins and includes a contingency.

**Finance and interest expense (-\$200,000; 34% decrease):** Finance and interest expenses represent fees, borrowing and letter of credit costs associated with CPA's loan facility. The decrease reflects the non-utilization of contingencies.

**Interest income (-\$200,000; 23.6% decrease):** Decreased interest income results from lower bank account balances and interest rates than assumed in the Budget.

**Capital outlay (+\$500,000, 87% increase):** Expenditures associated with capital outlay support the purchase of furniture, computers, audio visual equipment used at Board and other meetings, and a contingency for leasehold improvements. Increased capital outlay arises from the need to potentially accelerate some expenditures in this fiscal year instead of next fiscal year in order to keep CPA's move to new offices on schedule.

**Attachment:** 1) Proposed Amendment to the FY 2019/20 Budget



<b>CLEAN POWER ALLIANCE of SOUTHERN CALIFORNIA</b>				
<b>PROPOSED Fiscal Year 2019/2020 BUDGET AMENDMENT</b>				
<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>
	<b>FY 2019/20 Base Budget</b>	<b>Amendment</b>	<b>FY 2019/20 Budget (Amended)</b>	<b>% Change</b>
Revenue - Electricity net	743,350,000	51,375,000	794,725,000	6.9%
Net metering compensation		-		
Other revenue	10,000	-	10,000	0.0%
<b>TOTAL REVENUE</b>	<b>743,360,000</b>	<b>51,375,000</b>	<b>794,735,000</b>	6.9%
<b>TOTAL ENERGY COSTS</b>	<b>687,568,000</b>	<b>51,375,000</b>	<b>738,943,000</b>	7.5%
<b>NET ENERGY REVENUE</b>	<b>55,792,000</b>	<b>-</b>	<b>55,792,000</b>	0.0%
<b>OPERATING EXPENSES</b>				
Staffing	4,852,000	(206,000)	4,646,000	-4.2%
Technical services	1,777,000	(100,000)	1,677,000	-5.6%
Legal services	1,195,000	(96,000)	1,099,000	-8.0%
Other services	539,000	403,000	942,000	74.8%
Communications and marketing services	349,000	(100,000)	248,000	-28.7%
Customer notices and mailing services	300,000	100,000	400,000	33.3%
Data management services	11,930,000	-	11,930,000	0.0%
Service fees - SCE	2,215,000	-	2,215,000	0.0%
Local programs	1,450,000	-	1,450,000	0.0%
General and administration	757,000	-	757,000	0.0%
Occupancy	414,000	-	414,000	0.0%
<b>TOTAL OPERATING EXPENSES</b>	<b>25,778,000</b>	<b>-</b>	<b>25,778,000</b>	0.0%
<b>OPERATING INCOME</b>	<b>30,014,000</b>	<b>-</b>	<b>30,014,000</b>	0.0%
Finance and interest expense	588,000	(200,000)	388,000	-34.0%
Depreciation	12,000	-	12,000	0.0%
<b>TOTAL NON OPERATING EXPENSES</b>	<b>600,000</b>	<b>(200,000)</b>	<b>400,000</b>	<b>-33.3%</b>
Interest Income	849,000	(200,000)	649,000	-23.6%
<b>TOTAL NON OPERATING REVENUE</b>	<b>849,000</b>	<b>(200,000)</b>	<b>649,000</b>	<b>-23.6%</b>
		-		
<b>CHANGE IN NET POSITION</b>	<b>30,263,000</b>	<b>-</b>	<b>30,263,000</b>	0.0%
NET POSITION BEGINNING OF PERIOD	15,989,000	-	15,989,000	0.0%
NET POSITION END OF PERIOD	46,252,000	-	46,252,000	0.0%
<i>Other Uses</i>				
Capital Outlay	574,000	500,000	1,074,000	87%
Depreciation	(12,000)	-	(12,000)	0%
<b>CHANGE IN FUND BALANCE</b>	<b>29,677,000</b>	<b>(500,000)</b>	<b>29,177,000</b>	<b>-2%</b>
<i>Note: Funds may not sum precisely due to rounding</i>				
Contribution to net position / revenue			4%	



## Item V

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**To:** Clean Power Alliance (CPA) Board of Directors  
**From:** Gabriela Monzon, Clerk of the Board  
**Approved by:** Ted Bardacke, Executive Director  
**Subject:** Election of Executive Committee At-Large Positions  
**Date:** April 2, 2020

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### **ACTION ITEMS**

1. Elect Steve Zuckerman, City of Rolling Hills Estates, to the At-Large position representing Los Angeles County for the term April 2, 2020 to June 30, 2022.
2. Elect Deborah Klein Lopez, City of Agoura Hills, to the At-Large position representing Los Angeles County for the term April 2, 2020 to June 30, 2022.
3. Elect Carmen Ramirez, City of Oxnard, to the At-Large position representing Ventura County for the term April 2, 2020 to June 30, 2022.

### **BACKGROUND/DISCUSSION**

At the March 5, 2020 Board of Directors meeting, Board Chair Diana Mahmud opened the nomination period for CPA's three At-Large Executive Committee positions, two representing LA County Members and one representing Ventura County members.

The eligibility criteria for At-Large positions are:

1. Must be a Regular Director (i.e. not an Alternate);
2. Must have attended at least 50% of the regular Board Meetings in last 12 months;  
and
3. Must affirm intent to serve a full two-year term.

Current two-year terms begin April 2, 2020, and expire on June 30, 2022, per Article III, Section 4 of CPA bylaws, which state:

“Board Officers shall serve a two-year term commencing on the first day of the Fiscal Year (as defined in Section 7.1 of the Agreement) and ending on the last day of the following Fiscal Year two years later except that the term of office for current Board Officers shall end on March 31, 2020.”

The nomination period for the At-Large positions of the Executive Committee closed at 5 p.m. on Friday, March 13, 2020. The following nominations were received:

Los Angeles County:

1. Steve Zuckerman, Rolling Hills Estates
2. Deborah Klein Lopez, Agoura Hills

Ventura County:

1. Carmen Ramirez, Oxnard

The Clerk of the Board has verified that each of these three nominees meet the eligibility criteria. Additionally, no requests for mail-in ballots were received. The LA County At-Large positions must be nominated and elected by Regular Directors representing jurisdictions in LA County, and the Ventura County At-Large position must be nominated and elected by Regular Directors representing jurisdictions in Ventura County. The action items for Board consideration are to elect these nominees to their corresponding positions. A roll call vote will take place during the Board’s consideration of this item.



## Staff Report – Item VI

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**To:** Clean Power Alliance (CPA) Board of Directors  
**From:** Ted Bardacke, Executive Director  
**Subject:** Management Update  
**Date:** April 2, 2020

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### **COVID-19 Update**

CPA has implemented new protections in coordination with Southern California Edison (SCE) to assist customers experiencing economic hardship due to COVID-19. Impacted customers will not be disconnected for non-payment of electricity bills, new flexible payment plans are available, and bill payment assistance is available for low-income customers. All suspension of disconnections and payment arrangements are coordinated through SCE. To take advantage of these protections, impacted customers must call SCE at 800-655-4555.

On March 26, CPA sent a summary to member agencies of the customer protection programs. This summary is now being used by several members as part of their own Covid-19 communications efforts. To spread broader awareness about SCE and CPA customer protections for those impacted by Covid-19, CPA launched a social media advertising campaign that has reached over 29,000 viewers in English, Spanish, and Chinese. This effort has driven increased traffic to CPA's social media accounts (Twitter, Facebook, and LinkedIn) and the website. As a result, staff is boosting information on these platforms about CARE/FERA/Medical Baseline financial assistance programs and other helpful resources for customers.

The Executive Director and other members of the management team will give an oral overview of potential short, medium and long term impacts Covid-19 could have on CPA's

risk profile, including changes to load, customer delinquency rates, changes in the energy market, and counterparty credit risk.

### **Financial Performance**

CPA's financial performance continued strong through January 2020. For the seven months ending January 2020, energy revenues were 4% higher than budgeted while energy costs were on budget. Combined with lower operating expenditures, net income was \$21.4 million greater than forecast putting CPA in a strong liquidity position going in to Covid-19 uncertainty.

The monthly financial dashboard for January is attached to this report. CPA benefitted from recording proceeds from a \$3.5 million legal settlement in the month along with higher than expected Congestion Revenue Rights.

### **CPA Power Response Customer Engagement**

CPA Power Response, which the Board approved in October 2019 as a 12-18 month Distributed Energy Resources (DER) Pilot Program has three customer elements: 1) a residential smart thermostat program; 2) a residential and commercial battery storage program; and 3) a commercial EV charger program. Each of these programs will attempt to use existing thermostat, battery storage and EV charging infrastructure to shift customer electricity demand away from high-cost, high GHG intensity time periods in exchange for incentive payments. More info is available on CPA's website for [residential customers](#) and [commercial customers](#).

CPA's account services team has been working with multiple jurisdictions in both LA and Ventura Counties to enroll qualifying municipal accounts into the EV charger program. Two cities have successfully enrolled in CPA Power Response, and at least six others are in discussions with staff about how to sign up. CPA is also reaching out to commercial and industrial customers to seek interest in program participation, and several key commercial customers have already signed up. A webinar on the CPA Power Response program for non-residential customers will be held on April 22, which will cover the

program enrollment process, eligible customer accounts, and funding. Interested member agencies are encouraged to participate and contact Jennifer Giles (LA County: [jjgiles@cleanpoweralliance.org](mailto:jjgiles@cleanpoweralliance.org)) and Karen Schmidt (Ventura County: [kschmidt@cleanpoweralliance.org](mailto:kschmidt@cleanpoweralliance.org)) for questions and to learn about technical assistance that CPA and Olivine, its Power Response program partner, can provide.

For residential customers, CPA has launched targeted social media campaigns to raise awareness about CPA Power Response and plans to send a direct mailer advertising the smart thermostat program to customers that already have this technology in place.

### **Net Energy Metering True Up**

CPA is conducting its first annual “true-up” for solar net energy metering (NEM) customers during the current April billing cycle. Annual true-up every April is a feature of the NEM program and determines if a NEM customer is eligible for a cash-out payment or credit for the most recent annual billing cycle, otherwise known as the “Relevant Period”.

During the true-up process, CPA determines if a customer’s NEM account generated excess electricity during their Relevant Period and compensates them for that excess electricity generation at CPA’s Net Surplus Compensation rate, which is always 10% higher than SCE’s most recently published rate. As part of the true-up CPA also conducts a settlement of any unused retail generation credits a customer may have accumulated and refunds those credits at the full retail rate to offset previous energy charges incurred during the Relevant Period.

Letters went out to approximately 37,600 customers eligible for true-up this year. In response to these NEM communications, CPA’s Customer Service Center received an increase in calls with questions about the true-up process, with NEM questions representing approximately 20% of incoming calls in March. Many of these calls had to do with issues customers are having with their SCE NEM billing in general. Detailed information and helpful resources for CPA’s NEM and solar customers are available online at [www.cleanpoweralliance.org/NEM](http://www.cleanpoweralliance.org/NEM).

**Customer Service Center Performance**

Call center performance has remained steady through March despite a transition to a remote working environment for the majority of call center employees. Call volume through March 24 was 2,668, tracking February's total numbers at 3,537. CPA is expecting call volume to rise in April, with customers enquiring about bill assistance, NEM true-ups, and Westlake Village enrollment. In March, 98.9% of calls were answered within 60 seconds, and average wait time was 14 seconds, similar to performance in February.

**Opt-Actions**

As of March 23, CPA's commercial (Phases 1, 2, and 4) opt-out rate was 6.94%. CPA's commercial customer base has essentially stabilized in terms of number of accounts and opt-outs from commercial customers in the 100% Green default is beginning to slow. CPA's Residential (Phase 3) opt-out rate is 5.72% and, when counting new accounts since mass enrollment, has reached steady state. A summary of opt-action data by jurisdiction is attached.

Total opt-out by load is estimated to be 15.21% reflecting higher opt-out rates among large commercial customers. Opt-out rates among new customer accounts continue to be significantly lower than opt-outs from accounts that were active during the mass enrollment phases.

**Legislative Update**

With the growing crises over Covid-19, the Legislature adjourned two weeks early for Spring Recess on March 16th and is currently expected to resume session no earlier than April 13 (and possibly later). During this Recess, there will be no committee hearings or floor sessions until April 13, barring any urgent need to return before then. Additionally, leadership in both the Senate and Assembly have urged lawmakers to prioritize bills that are urgent or deal directly or indirectly with Covid-19, and to push non-urgent bills to the 2021/2022 Legislative Session. Staff is working closely with our lobbyists and with CalCCA to monitor this changing situation

**Regulatory Update**

On March 26, 2020 the CPUC issued a Proposed Decision (PD) that would create a Central Procurement Entity (CPE) for Resource Adequacy (RA). The PD rejected the residual procurement entity settlement put forth by CalCCA, SDG&E, and other parties, which would have created a new entity to secure RA resources if Load Serving Entities' (LSEs) collective procurement does not meet the Local Area needs. Instead, the PD issued would designate PG&E and SCE as default buyer for Local RA resources in their service territories and eliminate Local RA obligations of other LSEs, taking away a key part of CCAs' ability to shape the way local capacity needs are fulfilled. The PD infringes on LSE self-procurement autonomy and may drive excess procurement – including of fossil-based resources – and increase costs for all ratepayers. CPA will be working with CalCCA and other parties to raise these concerns at the Commission and explore opportunities to revise the PD before the Commission's vote on May 7, 2020.

**Contracts Executed Under Executive Director Authority**

Energy Research Cooperative was engaged to develop a Data and Systems Strategic Plan for CPA for an NTE of \$120,000. The plan will assist CPA in determining what configuration of systems and software it should procure – and the skills necessary to operate and maintain those systems – over the course of the next several years.

A legal services agreement with Greenberg Glusker was signed with an NTE of \$59,000 for assistance in negotiating Power Purchase Agreements in the 2019 Clean Energy RFO – Distributed Track.

Bold New Directions was engaged to deliver a series of half-day management trainings for senior CPA staff as well as providing on-going individual executive support for an NTE of \$17,995.

A list of non-energy contracts executed under the Executive Director's signing authority is attached. The list includes all open contracts as well as all contacts, open or completed, executed in the past 12 months.



**Events & Community Outreach**

All in-person events and community outreach have been postponed due to Covid-19 precaution measures. As a result, CPA's external affairs team has re-focused attention on a number of digital and virtual channels to engage with customers.

CPA's next quarterly Sustainable Energy Incubator Speaker Series, planned for late May, will be hosted by the Local Government Commission as an interactive webinar on the topic of microgrids. The CPA website has been updated to highlight information about 100% Green Power and our members' environmental leadership, available at [www.cleanpoweralliance.org/sustainability](http://www.cleanpoweralliance.org/sustainability). CPA's first 2018-2019 Impact Report highlighting accomplishments to date and future initiatives will be released online via CPA's March 2020 e-Newsletter and printed copies will be made available to each member agency.

In lieu of the many local Earth Day events CPA intended to participate in, staff is exploring new ideas for customer-friendly videos to answer commonly asked questions, help navigate electric bills, and plans to celebrate Earth Day via EARTHRISE, a global digital movement on April 22 (more information available at: [www.earthday.org](http://www.earthday.org).)

- Attachments:**
- 1) January Financial Dashboard
  - 2) Residential Opt-Actions Report by Jurisdiction
  - 3) Non-Residential Opt-Actions Report by Jurisdiction
  - 4) Non-energy Contracts Executed under Executive Director Authority



# Financial Dashboard

## Summary of Financial Results

YTD  
January  
2020

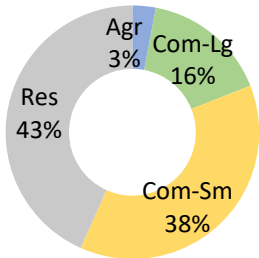
Active Accounts

996,000

Opt-Out %

5.5%

YTD Sales Volume  
6,960 GWh

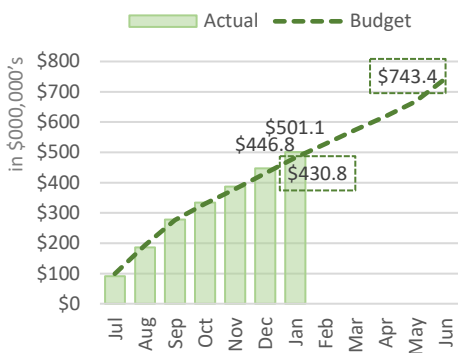


in \$000,000's	January				Year-to-Date			
	Actual	Budget	Variance	%	Actual	Budget	Variance	%
Energy Revenues	\$54.3	\$51.7	\$2.6	5%	501.1	482.5	18.6	4%
Cost of Energy	\$44.9	\$52.0	-\$7.1	-14%	461.7	462.3	-0.6	0%
Net Energy Revenue	\$9.4	-\$0.3	\$9.7		39.5	20.2	19.2	95%
Operating Expenditures	\$1.7	\$2.2	-\$0.5	-21%	12.5	14.7	-2.2	-15%
Net Income	\$7.7	-\$2.4	\$10.1		26.9	5.5	21.4	388%

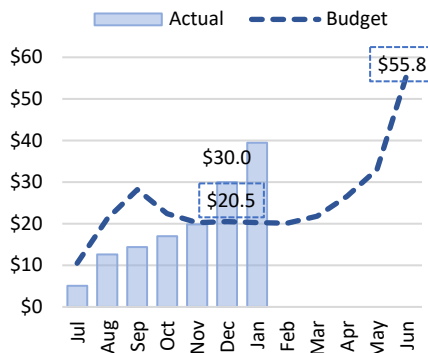
Note: Numbers may not add up due to rounding.

- Net income for the period was above budget. Results were favorably impacted by a \$3.5m legal settlement. Settlement proceeds offset energy costs and were netted from the cost of energy. Cost of energy was also favorably impacted by higher Congestion Revenue Rights revenues and the non-utilization of contingencies. Revenues were favorably impacted by a rate change that occurred in September 2019.
- For year-to-date:
  - Revenues of \$482.5 million were \$18.6 million or 4% above budget.
  - Cost of energy of \$461.7 million was flat to budgeted energy costs.
  - Operating expenditures of \$12.5 million were 15% lower than budgeted primarily due to lower than budgeted staffing, legal services, and Data & SCE service fees.
  - Net income of \$26.9M was \$21.4 million above budgeted net income of \$5.5M.
  - Management believes that available liquidity and bank lines of credit are sufficient for CPA to continue to meet its obligations.

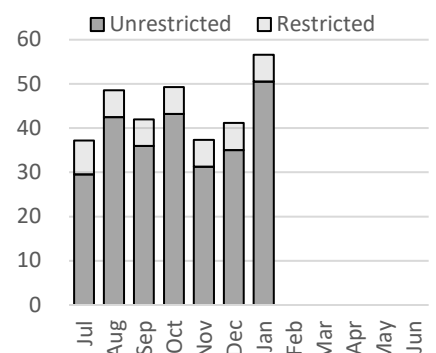
Cumulative Revenue



Net Energy Revenue



Cash & Cash Equivalents



**Definitions:**

Accounts: Active Accounts represent customer accounts of active customers served by CPA per Calpine Invoice.

Opt-out %: Customer accounts opted out divided by eligible CPA accounts

YTD Sales Volume: Year to date sales volume represents the amount of energy (in gigawatt hours) sold to retail customers

Revenues: Retail energy sales less allowance for doubtful accounts

Cost of energy: Cost of energy includes direct costs incurred to serve CPA's load

Operating expenditures: Operating expenditures include general, administrative, consulting, payroll and other costs required to fund operations

Net income: Net income represents the difference between revenues and expenditures before depreciation and capital expenditures

Cash and Cash Equivalents: Includes cash held as bank deposits.

Year to date (YTD): Represents the fiscal period beginning July 1, 2019

## Clean Power Alliance - Residential Customer Status Report -March 23, 2020

CPA Cities & Counties	Default Tier	Opt Percentage by City & County				
		Total Eligible Accounts	Opt Up %	Opt Mid %	Opt Down %	Opt Out %
AGOURA HILLS	Lean Power	7,533	0.38%	0.21%	0.00%	7.09%
ALHAMBRA	Clean Power	31,085	0.13%	0.00%	1.15%	3.06%
ARCADIA	Lean Power	19,950	0.13%	0.08%	0.00%	3.01%
BEVERLY HILLS	Clean Power	15,318	0.21%	0.00%	1.38%	1.87%
CALABASAS	Lean Power	9,430	0.19%	0.14%	0.00%	3.55%
CAMARILLO	Lean Power	26,664	0.40%	0.27%	0.05%	8.67%
CARSON	Clean Power	25,486	0.08%	0.00%	1.02%	2.97%
CLAREMONT	Clean Power	12,169	0.49%	0.00%	1.95%	7.40%
CULVER CITY	100% Green Power	16,615	0.00%	1.29%	3.79%	4.06%
DOWNEY	Clean Power	34,429	0.06%	0.00%	1.12%	3.52%
HAWAIIAN GARDENS	Clean Power	3,272	0.03%	0.00%	1.01%	2.29%
HAWTHORNE	Lean Power	25,613	0.12%	0.04%	0.00%	1.80%
LOS ANGELES COUNTY	Clean Power	266,159	0.13%	0.00%	1.47%	3.80%
MALIBU	Clean Power	5,717	0.26%	0.00%	1.64%	3.20%
MANHATTAN BEACH	Clean Power	14,244	0.60%	0.00%	2.30%	3.29%
MOORPARK	Clean Power	11,748	0.31%	0.00%	2.96%	14.17%
OJAI	100% Green Power	3,184	0.00%	1.16%	4.90%	8.83%
OXNARD	100% Green Power	51,942	0.00%	0.48%	2.73%	6.61%
PARAMOUNT	Lean Power	13,021	0.03%	0.02%	0.00%	1.90%
REDONDO BEACH	Clean Power	30,173	0.34%	0.00%	1.82%	2.83%
ROLLING HILLS ESTATES	100% Green Power	2,962	0.00%	1.99%	7.46%	5.98%
SANTA MONICA	100% Green Power	48,960	0.00%	0.70%	3.19%	5.79%
SIERRA MADRE	Clean Power	4,917	0.73%	0.00%	2.18%	4.66%
SIMI VALLEY	Lean Power	42,542	0.15%	0.15%	0.00%	9.65%
SOUTH PASADENA	100% Green Power	11,031	0.00%	0.66%	3.29%	4.08%
TEMPLE CITY	Lean Power	11,820	0.12%	0.06%	0.00%	3.13%
THOUSAND OAKS	100% Green Power	46,971	0.00%	1.76%	7.19%	16.84%
VENTURA	100% Green Power	40,861	0.00%	1.09%	4.14%	10.34%
VENTURA COUNTY	100% Green Power	29,251	0.00%	1.01%	5.30%	12.77%
WEST HOLLYWOOD	100% Green Power	23,828	0.00%	0.47%	2.01%	2.43%
WHITTIER	Clean Power	25,881	0.17%	0.00%	1.65%	4.83%
<b>Total</b>		<b>918,055</b>	<b>0.13%</b>	<b>0.31%</b>	<b>2.05%</b>	<b>5.72%</b>

Opt Percentage by Default Tier					
Default Tier	Total Eligible Accounts	Opt Up %	Opt Mid %	Opt Down %	Opt Out %
100% Green Power	275,605	0.01%	0.96%	4.15%	8.82%
Clean Power Power	480,598	0.18%	0.01%	1.51%	3.94%
Lean Power	156,447	0.19%	0.13%	0.02%	5.73%
<b>Total</b>	<b>912,650</b>	<b>0.13%</b>	<b>0.32%</b>	<b>2.05%</b>	<b>5.72%</b>

## Clean Power Alliance - Non-Residential Customer Status Report - As of March 23, 2020

Opt Percentage by City & County						
CPA Cities & Counties	Default Tier	Total Eligible Accounts	Opt Up %	Opt Mid %	Opt Down %	Opt Out %
AGOURA HILLS	Lean Power	1,550	0.00%	0.00%	0.26%	6.84%
ALHAMBRA	Clean Power	4,787	0.00%	0.00%	0.58%	7.46%
ARCADIA	Lean Power	3,534	0.00%	0.20%	0.00%	3.37%
BEVERLY HILLS	Clean Power	4,212	0.02%	0.00%	0.69%	2.54%
CALABASAS	Lean Power	1,236	0.00%	0.00%	0.00%	8.58%
CAMARILLO	Lean Power	4,720	1.40%	0.19%	0.00%	8.79%
CARSON	Clean Power	4,653	0.00%	0.00%	0.69%	6.90%
CLAREMONT	Clean Power	1,572	0.06%	0.00%	0.96%	5.47%
CULVER CITY	100% Green Power	3,413	0.00%	0.73%	1.70%	5.04%
DOWNEY	Clean Power	4,575	0.00%	0.00%	0.70%	4.42%
HAWAIIAN GARDENS	Clean Power	608	0.00%	0.00%	0.49%	0.99%
HAWTHORNE	Lean Power	3,901	0.00%	0.03%	0.00%	3.38%
LOS ANGELES COUNTY	Clean Power	27,204	0.03%	0.00%	0.90%	4.23%
MALIBU	Clean Power	1,301	4.30%	0.00%	0.38%	4.92%
MANHATTAN BEACH	Clean Power	1,841	5.27%	0.00%	1.09%	4.73%
MOORPARK	Clean Power	1,783	1.12%	0.00%	0.84%	7.85%
OJAI	100% Green Power	774	0.00%	1.68%	4.91%	7.62%
OXNARD	100% Green Power	7,951	0.00%	0.23%	10.09%	9.97%
PARAMOUNT	Lean Power	3,016	0.07%	0.00%	0.00%	4.77%
REDONDO BEACH	Clean Power	4,728	0.00%	0.00%	0.97%	3.49%
ROLLING HILLS ESTATES	Lean Power	521	5.18%	0.19%	0.00%	8.06%
SANTA MONICA	100% Green Power	8,681	0.00%	0.82%	3.43%	7.03%
SIERRA MADRE	Clean Power	498	0.00%	0.00%	2.21%	3.21%
SIMI VALLEY	Lean Power	5,558	0.22%	0.04%	0.00%	6.84%
SOUTH PASADENA	Clean Power	1,366	7.69%	0.00%	1.32%	2.34%
TEMPLE CITY	Lean Power	1,351	0.00%	0.00%	0.00%	1.26%
THOUSAND OAKS	100% Green Power	6,989	0.00%	0.20%	4.05%	14.91%
VENTURA	100% Green Power	7,920	0.00%	1.78%	5.39%	10.51%
VENTURA COUNTY	100% Green Power	6,725	0.00%	1.47%	3.85%	20.67%
WEST HOLLYWOOD	100% Green Power	3,969	0.00%	0.28%	1.89%	3.43%
WHITTIER	Clean Power	3,904	0.00%	0.00%	0.69%	3.20%
<b>Total</b>		<b>135,957</b>	<b>0.29%</b>	<b>0.31%</b>	<b>2.05%</b>	<b>6.94%</b>

Opt Percentage by Default Tier					
Default Tier	Total Eligible Accounts	Opt Up %	Opt Mid %	Opt Down %	Opt Out %
100% Green Power	46,423	0.08%	0.84%	4.83%	10.84%
Clean Power Power	63,032	0.46%	0.00%	0.83%	4.54%
Lean Power	25,380	0.42%	0.08%	0.03%	5.76%
<b>Total</b>	<b>134,835</b>	<b>0.32%</b>	<b>0.31%</b>	<b>2.06%</b>	<b>6.94%</b>

<b>Clean Power Alliance</b>					
<b>Non-energy contracts executed under Executive Director authority</b>					
<b>Rolling 12 months -- Open contracts shown in Bold</b>					
<b>Vendor</b>	<b>Purpose</b>	<b>Month</b>	<b>NTE Amount</b>	<b>Status</b>	<b>Notes</b>
<b>Bold New Directions, Inc.</b>	<b>Management Training</b>	<b>March 2020</b>	<b>\$ 17,995</b>	<b>Active</b>	
<b>Greenberg Glusker</b>	<b>Legal Services Agreement (PPA Negotiations)</b>	<b>March 2020</b>	<b>\$ 59,000</b>	<b>Active</b>	
<b>Energy Research Cooperative</b>	<b>Data &amp; Systems Strategic Plan</b>	<b>February 2020</b>	<b>\$ 120,000</b>	<b>Active</b>	
<b>Buchalter</b>	<b>Legal Services Agreement (Regulatory Support)</b>	<b>February 2020</b>	<b>\$ 5,000</b>	<b>Active</b>	
<b>Clean Energy Counsel</b>	<b>Legal Services Agreement (PPA Negotiations/Energy Procurement)</b>	<b>January 2020</b>	<b>\$ 114,000</b>	<b>Active</b>	
<b>Burke, Williams, Sorenson, LLP</b>	<b>Legal Services Agreement (Brown Act, public entity governance issues and other legal services)</b>	<b>January 2020</b>	<b>\$ 25,000</b>	<b>Active</b>	
<b>Omni Government Relations &amp; Pinnacle Advocacy, LLC</b>	<b>Lobbying Services</b>	<b>December 2019</b>	<b>\$ 108,000</b>	<b>Active</b>	
<b>Cameron-Cole, LLC</b>	<b>3rd Party Independent GHG Verification Services</b>	<b>November 2019</b>	<b>\$ 9,000</b>	<b>Completed</b>	
<b>CLG Group</b>	<b>Executive Training</b>	<b>November 2019</b>	<b>\$ 15,000</b>	<b>Active</b>	
<b>Elite Edge Consulting</b>	<b>Accounting system evaluation, selection, and implementation</b>	<b>November 2019</b>	<b>\$ 50,000</b>	<b>Active</b>	
<b>Surowski Design + Development</b>	<b>Web Development Services</b>	<b>October 2019</b>	<b>\$ 12,000</b>	<b>Active</b>	
<b>Inventure Recruitment</b>	<b>Ongoing Recruitment Services</b>	<b>October 2019</b>	<b>\$ 120,000</b>	<b>Active</b>	
<b>JLL</b>	<b>Real Estate Brokerage Services</b>	<b>October 2019</b>	<b>NA</b>	<b>Active</b>	
<b>Siemens</b>	<b>Integrated Resource Planning for 2020 CPUC IRP Compliance</b>	<b>October 2019</b>	<b>\$ 62,500</b>	<b>Active</b>	<b>25% cost share with 3 other CCAs</b>
<b>Jarvis, Fay &amp; Gibson, LLP</b>	<b>Legal Services Agreement (General Public Law, Commercial Real Estate Leases, and Environmental Matters)</b>	<b>September 2019</b>	<b>\$ 30,000</b>	<b>Active</b>	<b>Increased from \$10,000 to \$30,000 in February 2020</b>
<b>Keyes &amp; Fox</b>	<b>Legal Services Agreement (Energy Procurement &amp; Legislative and Regulatory Issues)</b>	<b>September 2019</b>	<b>\$ 25,000</b>	<b>Active</b>	
<b>The Harmon Press</b>	<b>Professional Printing Services</b>	<b>September 2019</b>	<b>\$ 24,000</b>	<b>Active</b>	

<b>Clean Power Alliance</b>					
<b>Non-energy contracts executed under Executive Director authority</b>					
<b>Rolling 12 months -- Open contracts shown in Bold</b>					
<b>Vendor</b>	<b>Purpose</b>	<b>Month</b>	<b>NTE Amount</b>	<b>Status</b>	<b>Notes</b>
<b>The Climate Registry</b>	<b>2018 GHG Reporting</b>	<b>September 2019</b>	<b>\$ 4,000</b>	<b>Active</b>	
Abbot, Stringham and Lynch	2018 CEC Power Source Disclosure Audit	August 2019	\$ 12,400	Completed	
<b>West Coast Mailers</b>	<b>Bulk Mailing Services</b>	<b>August 2019</b>	<b>\$ 20,000</b>	<b>Active</b>	
<b>InterEthnica</b>	<b>Written Translation Services, Typesetting, and Graphic Design in Spanish, Chinese, and Korean.</b>	<b>August 2019</b>	<b>\$ 10,000</b>	<b>Active</b>	
Holland and Hart	NTE increase for NextEra PPA	August 2019	\$ 19,800	Completed	10% increase of original contract NTE of \$18,000
Baker Tilly	FY 2018/2019 Financial Audit	August 2019	\$ 30,000	Completed	
Bill Gurnsey	Subset Customer Outreach	June 2019	\$ 15,000	Completed	
E3	TOU Rate Analysis	June 2019	\$ 125,000	Completed	
<b>Manatt Phelps</b>	<b>Legal Services Agreement (JPA governance research)</b>	<b>May 2019</b>	<b>\$ 15,000</b>	<b>Active</b>	
Abbot, Stringham and Lynch	Green-E Certification - 100% Green Power Product	May 2019	\$ 6,200	Completed	
Abbot, Stringham and Lynch	AMI Data Audit	April 2019	\$ 13,500	Completed	
SHI International	VPN and SQL Database (IT)	April 2019	\$ 6,500	Completed	
<b>Polsinelli</b>	<b>Legal services Agreement (Employment Law)</b>	<b>March 2019</b>	<b>\$ 75,000</b>	<b>Active</b>	<b>Increased from \$18,000 to \$75,000 in January 2020</b>