



**Board of Directors Meeting
and
Retreat**

Wednesday, June 5, 2019
6:00 pm
City of Dublin
Regional Meeting Room
100 Civic Plaza
Dublin, CA 94568

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 2 working days before the meeting at (510) 736-4981 or Scabrera@ebce.org.

If you have anything that you wish to be distributed to the Board, please hand it to the clerk who will distribute the information to the Board members and other staff. Please bring at least 25 copies.

- 1. Welcome & Roll Call**
- 2. Pledge of Allegiance**
- 3. Public Comment**

This item is reserved for persons wishing to address the Board on any EBCE-related matters that are not otherwise on this meeting agenda. Public comments on matters listed on the agenda shall be heard at the time the matter is called. As with all public comment, members of the public who wish to address the Board are customarily limited to three minutes per speaker. The Board Chair may increase or decrease the time allotted to each speaker.

CONSENT AGENDA

- 4. Approval of Minutes from May 15, 2019**
- 5. Amendment to Legal Services Agreement with Davis Wright Tremaine LLP for Regulatory Advocacy and Compliance (Action Item)**
Approve the Third Amendment to the Legal Services Agreement with Davis Wright Tremaine LLP in an amount not to exceed \$138,000 to provide legal services including regulatory advocacy and compliance matters.

REGULAR AGENDA

6. Vistra and Solar Frontier America Contract Approvals (Action Item)

Approve two resolutions authorizing the CEO to execute a 10-year 20MW/80MWh Local Greater Bay Area Resource Adequacy contract (“RA contract”) with Vistra Energy and a 15-year 55.83Mwac Solar PV Power Purchase Agreement (“Solar PPA”) with Solar Frontier Americas.

BOARD RETREAT

7. Renewables - Integration and Decarbonization

8. Board Member and Staff Announcements including requests to place items on future Board Agendas

9. Adjournment to Date: Wednesday, June 19, 2019

Location: City of San Leandro

Board Chambers

835 E. 14th

San Leandro CA 94578



Draft Minutes

Board of Directors Meeting

Wednesday, May 15, 2019

6:00 pm

City of Hayward

Council Chambers

777 B Street,

Hayward, CA 94544

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 2 working days before the meeting at (510) 736-4981 or Scabrera@ebce.org.

If you have anything that you wish to be distributed to the Board, please hand it to the clerk who will distribute the information to the Board members and other staff. Please bring at least 25 copies.

1. Welcome & Roll Call

Present:

Absent:

2. Pledge of Allegiance

3. Public Comment

This item is reserved for persons wishing to address the Board on any EBCE-related matters that are not otherwise on this meeting agenda. Public comments on matters listed on the agenda shall be heard at the time the matter is called. As with all public comment, members of the public who wish to address the Board are customarily limited to three minutes per speaker. The Board Chair may increase or decrease the time allotted to each speaker.

Jessica Tovar - Spoke regarding East Bay Clean Power Alliance's (EBCPA) letter to the Board making recommendations for the CAC appointment process. Ms. Tovar also requested additional information on how the Time-of-use program affects lower income ratepayers.

CONSENT AGENDA

4. Approval of Minutes from April 17, 2019

5. Contracts entered into (Informational Item)

9. Rate Modification Report (Informational Item)

Receive an update from staff regarding EBCE rate modifications.

11. Joint CCA Cost-Sharing and Reimbursement Agreement and ACES (Action Item)

Approve a resolution authorizing the CEO to execute an agreement between EBCE and four CCA programs (Peninsula Clean Energy, Silicon Valley Clean Energy, City of San Jose Clean Energy, and Monterey Bay Community Power, collectively the “Joint CCAs”) to share costs of certain consultant services.

The Board Discussed:

- **Benefits of Cost Sharing Agreement**
- **Maintaining Value Proposition**
- **Creating a Portfolio that contains 5%**

Director Mendall motioned to approve the Consent calendar with the addition of items 9 and 11. Director Martinez seconded the motion which carried 7/0; Excused: Directors Arreguin, Dutra-Vernaci, Mei, Munro, and Rood

REGULAR AGENDA

6. CEO REPORT

- A. Executive Committee Meeting; and
- B. Marketing and Outreach update

The CEO provided an update on the Auditing services RFP and received direction from the Board on how to conduct the auditor selection process. Staff will seek a representative from a large city, small city, and County to assist with the auditor selection.

Director Hernandez (San Leandro
) Thanked staff for sponsoring Bike to Work Day recharging stations.

7. Community Advisory Committee Report

Vice-chair Sutter reported on the Community Advisory Committee meeting and spoke regarding the CAC support of the Local Clean Energy Alliance recommended appointment with the exception of recommendation to include a current CAC member on the selection committee.

8. Battery Demand Response Pilot (Action Item)

Receive an update and approve the Battery Demand Response Pilot.

The Board Discussed:

- **Expanding the Pilot group**

Dwight Turner - Requested additional information on plans for residential battery storage and recommended offering more incentives to motivate residents to purchase batteries.

Jessica Tovar- Spoke regarding EBCPA support of the Battery Demand Response program since it will provide benefits and cost savings to rate payers.

Vice-Chair Kalb motion to approve the Battery Demand Response Pilot as amended:

1. **Increase Pilot group cap to 20 participants**

Director Mendall seconded the motion which carried 7/0; Excused: Directors Arreguin, Dutra-Vernaci, Mei, Munro, and Rood

10. EBCE Value Proposition Update/Rate Setting Process (Action Item)

Approve a resolution adopting a process for updating the EBCE value proposition and rate setting for Fiscal Year 2019/2020.

The Board Discussed:

- Creating incentives for ratepayers to opt-up product
- Sending rates to the Executive Committee for review prior to presenting to the Board

Director Hernandez (San Leandro) motioned to adopt the process for updating the EBCE Value Proposition and rate setting for fiscal year 2019 - 2020. Director Mendall seconded the motion which carried 7/0; Excused: Directors Arreguin, Dutra-Vernaci, Mei, Munro, and Rood

12. Legislative Update (Informational Item)

Receive Legislative update from Weideman Group

The Board Discussed:

- Receiving Bill status when at the end of the session.
- Recommended that CCAs create a booklet of current works and upcoming projects to aggregate with other CCAs and present to legislature

13. Board Member and Staff Announcements including requests to place items on future Board Agendas

Director Pilch informed the board that the Local Development, Electrification and Innovation attended a public meeting on electrification and reach codes in Berkeley. Director Pilch noted the community's interest in this program.

Director Hernandez (San Leandro) provided an update on the 27 Community Innovation Grant applications received. The selection committee will review the applications and select 4 projects.

Chair Haggerty requested that the selection committee present the 4 selected projects to the Board for final review and award

Chair Haggerty assigned Directors: Dutra-Vernaci, Hernandez (Dublin), and Vice-Chair Kalb. to CAC appointment ad hoc committee

The Chair also requested to add the Chair elections to the June agenda.

14. Adjourned



Consent Item 5

TO: East Bay Community Energy Board of Directors

FROM: Melissa Brandt, Senior Director of Public Policy and Deputy General Counsel

SUBJECT: Amendment to Legal Services Agreement with Davis Wright Tremaine LLP for Regulatory Advocacy and Compliance (Action Item)

DATE: June 5, 2019

Recommendation

Approve the Third Amendment to the Legal Services Agreement with Davis Wright Tremaine LLP in an amount not to exceed \$138,000 to provide legal services including regulatory advocacy and compliance matters.

Background and Discussion

Davis Wright Tremaine LLP (“DWT”) has been representing EBCE in matters involving regulatory advocacy, compliance, and as labor and employment since 2017. In 2018, DWT assisted EBCE with filing its first Integrated Resources Plan (“IRP”) and its first Renewables Portfolio Standard (“RPS”) Plan at the CPUC. DWT also helped EBCE file numerous Resource Adequacy (“RA”) compliance requirements, and its 2018 local RA waiver, along with accompanying documentation and confidentiality declarations. This support has resulted in EBCE remaining in compliance with CPUC requirements.

Over the course of the fiscal year, the DWT original agreement has been amended twice. In addition to ongoing work on RA compliance activities, research on RA cost allocation mechanisms, integrated resource plan proceeding representation, and analysis related to CPUC customer privacy requirements, EBCE seeks additional assistance from DWT for regulatory advocacy and compliance services in 2019, as set forth in the attached contract amendment. The CPUC is requiring CCAs to present more detailed and robust RPS plans in 2019, with significantly more content than was required by CCAs in previous years, and EBCE will be relying on DWT for advocacy in the RPS proceeding as well as the actual filing of the RPS plan.

As EBCE’s standard Legal Services Agreement has not materially changed from the form used in 2018, staff recommends signing a third contract amendment with DWT with updated contract terms, rather than executing a new agreement.

Fiscal Impact

This amendment will result in an additional \$50,000 being added to the agreement in this fiscal year, for a not to exceed \$138,000 spend across fiscal year 2018-2019. Legal services are included in the current fiscal year budget at this level.

Attachment

- A. Third Amendment to Legal Services Agreement with Davis Wright Tremaine LLP

Third Amendment to Legal Services Agreement with Davis Wright Tremaine, a Limited Liability Partnership

This Third Amendment to the Agreement with Davis Wright Tremaine, LLP for Legal Services (“Amendment”) is made this 23th day of May, 2019, by and between the East Bay Community Energy Authority, a Joint Powers Agency formed under the laws of the State of California (“EBCE”) and Davis Wright Tremaine, a California limited liability partnership (“DWT”), for the purposes of adding additional funding.

Recitals

- A. EBCE and DWT entered into that certain agreement for legal services dated October 24, 2018, wherein DWT agreed to provide legal services in the areas of labor and employment and regulatory compliance.
- B. EBCE desires to continue to use DWT’s expertise in the area of labor & employment, and regulatory compliance, and DWT has the expertise and manpower available to assist EBCE in this area.

Now therefore, for good and valuable consideration, the amount and sufficiency of which is hereby acknowledged, the Parties agree as follows:

- 1. Section 3 of the Agreement is amended in part to increase the total compensation of the Agreement to \$138,000 (adding an additional \$50,000). This total amount includes Invoice #6629684 in the amount of \$31,363.00.
- 2. All other terms and conditions in the Agreement not otherwise modified by this Amendment will remain in full force and effect, including the termination date of the Agreement being June 30, 2019.

In witness whereof, the Parties have entered into this Amendment on the date written above.

East Bay Community Energy
Authority,
A Joint Powers Authority

Davis Wright Tremaine, a Limited
Liability Partnership

Nick Chaset

Patrick Ferguson
Partner

Chief Executive Officer



Staff Report Item 6

TO: East Bay Community Energy Board of Directors
FROM: Howard Chang, Chief Operating Officer
SUBJECT: Vistra and Solar Frontier America Contract Approvals (Action Item)
DATE: June 5, 2019

Recommendation

Approve two resolutions authorizing the CEO to execute a 10-year 20MW/80MWh Local Greater Bay Area Resource Adequacy contract (“RA contract”) with Vistra Energy and a 15-year 55.83Mwac Solar PV Power Purchase Agreement (“Solar PPA”) with Solar Frontier Americas.

The RA contract is expected to begin delivering resource adequacy in January 2022 for a period of 10 years and the Solar PPA is expected to begin to deliver all associated output, which includes energy, RECs, and RA in Dec 2021 for a period of 15 years with hub-settlement pricing. Both counterparties were awarded as part of competitive solicitations.

Vistra Energy was awarded as part of the Oakland Clean Energy Initiative RFP and the contracting entity under Vistra Energy is Dynegy Marketing and Trade, LLC. Solar Frontier was awarded as part of the CA Renewable Energy RFP and the contracting entity under Solar Frontier is Tulare Solar Center, LLC. We anticipate bringing forward additional projects for approval from both RFPs in the future.

Background

The Oakland Clean Energy Initiative is a first-of-its-kind joint RFP that was issued with PG&E, where EBCE solicited resource adequacy from clean resources in downtown Oakland and PG&E sought local transmission related reliability needs. EBCE’s primary goal of this RFP is to bring local investment into the clean virtual transmission solutions in specific load pockets within downtown Oakland and drive the closure of the peaker plant currently located in Jack London Square. In doing so, EBCE can also secure valuable local Greater Bay Area Resource Adequacy in an affordable and reliable manner. The RFP was launched in June 2018 and targeted a minimum of 20MW of resource adequacy located within two specific load pockets in downtown Oakland. While this initial contract allows EBCE to meet its minimum target in the RFP, EBCE may bring forward additional contracts to exceed this volume. Those contracts are currently in negotiations. We have expedited this contract ahead of others because of the long lead time that is necessary to negotiate the cancellation of the existing RMR contract that is in place for the peaker plant. By executing this contract with Vistra Energy, the owner

of the peaker plant, staff believes that EBCE can best ensure that the peaker plant comes offline and is properly decommissioned in the most expeditious manner since the current site of the peaker plant would be utilized to house the new clean battery storage system. We believe it will also help to facilitate the necessary dialogue and approvals with CAISO and PG&E to continue driving progress in what could be a lengthy process.

The CA Renewable Energy RFP is EBCE's first long-term renewable energy contract solicitation that was launched in June 2018. The RFP sought several hundred MWs of contracts with renewable energy projects located in CA with a minimum of 20MWs located in Alameda County. EBCE's objective was to drive investments in new renewable energy projects in Alameda and CA, while securing affordable resources to manage future power price risk. EBCE received a very healthy response to its first RFP both in volume and quality of projects and proposals. EBCE worked with Edison Energy to administer the RFP and complete robust analytics to determine the optimal portfolio to meet its objectives. This contract with Solar Frontier Americas is the first contract come to the board for approval. Staff anticipates bringing over 500MWs of renewable energy projects to the board for further approval in the June and July board meetings. The project is structured as a PG&E DLAP settled project, which allows EBCE to most effectively mitigate the pnode forward price risk that typical solar projects have. It is a 55.83MWac 15-year contract in which EBCE is procuring all energy, RECs, and RA that is generated from it. The project is located in Tulare County, CA and although it is located outside of Alameda County, Solar Frontier has agreed to invest directly into Alameda County and create EBCE's first developer driven community investment fund.

Conclusion

EBCE is thrilled to play a crucial role in securing the necessary clean virtual transmission solutions in downtown Oakland and to help drive the closing of the existing fossil fuel peaker plant through the efforts of the Oakland Clean Energy Initiative. Staff is seeking approval to execute the 10-year 20MW/80MWh local Greater Bay Area Resource Adequacy contract with Vistra Energy as the first contract resulting from the OCEI RFP. EBCE is also excited to initiate its long-term renewable energy contracting. Staff is seeking approval of the 55.8Mwac solar PV PPA with Solar Frontier Americas as the first contract resulting from the CA Renewable Energy RFP.

Attachments:

- A. OCEI and CA Renewable Energy RFP overview presentation
- B. Vistra RA Contract_May19
- C. SFA PPA_May19
- D. Resolution Approving Tulare Solar Center Agreement
- E. Resolution Approving Vistra Energy Agreement



Oakland Clean Energy Initiative and CA Renewable Energy RFP Overview

PRESENTED BY: Howard Chang

DATE: May 15, 2019



AGENDA:

- INTRODUCTION
- RFP OVERVIEW
- PROJECT DETAILS



Introduction

Seeking authorization to execute:

- 10-year 20MW Local Greater Bay Area Resource Adequacy contract with Vistra Energy
 - Oakland Clean Energy Initiative RFP
 - Expected to begin delivering local resource adequacy in January 2022 for a period of 10 years
 - Contracting entity under Vistra Energy is Dynegy Marketing and Trade, LLC
- 15-year 55.83MWac Solar PV Power Purchase Agreement with Solar Frontier Americas
 - CA Renewable Energy RFP
 - Expected to be operational in Dec 2021 and will contract for all energy, RECs, and RA for a period of 15 years with hub-settlement pricing.
 - Contracting entity under Solar Frontier is Tulare Solar Center, LLC

EBCE Energy Procurement RFPs

Goals & Objectives

- Secure a portfolio of contracts to provide EBCE customers with affordable renewable energy and storage resources
- Meet a significant percent of SB350 long term contracting requirements and resource adequacy requirements
- Create new CA located renewable energy projects to deliver PCC1 RECs
- Drive CA and Alameda County job creation and community investment
- Contract low cost energy hedges to meet risk management goals

Actions

- Issued two broad, open, competitive solicitations to ensure wide array of opportunities considered
- Encouraged RFP participants to be creative and provide proposal variations on individual projects and include battery storage
- Targeted specific MWs in Alameda County
- Evaluated exhaustive combinations of projects to achieve desired volume targets, while optimizing project risk, location, workforce development, economics, and other characteristics

RFP Details

Oakland Clean Energy Initiative (OCEI)

- First-of-its-kind joint RFP with PG&E issued in June 2018
- Purpose: To meet local transmission needs to enable the shut down of the natural gas peaker plant in Jack London Square
- EBCE sought local Greater Bay Area resource adequacy and PG&E sought reliability needs to serve as a virtual transmission solution
- RFP eligibility requires local resources located in downtown Oakland
- Minimum target of 20MW

CA Renewable Energy RFP (CA RFP)

- EBCE's first long-term (10+year) renewable energy solicitation issued in June 2018
- CA-located projects with a preference for new-build capacity
- Established standard offer and encouraged additional bid variations (e.g. size, term length, pricing structure, storage etc.)
- Received over 550 unique offers associated with 75 projects, representing approximately 20GW of nameplate capacity
- Minimum target of 20MW in Alameda County

Evaluation Methodology

Assessment of the below key factors:

- Economic and financial risk, including project correlation within a portfolio
 - Includes assessment of fixed vs. floating price, contract curation, settlement structure, NP/SP, RA deliverability, storage option
- Project development risk, including site control, interconnection, permitting, and study status
- Project location and community investments
- Workforce commitments related to prevailing wage and union
- Counterparty experience developing and financing projects, including status as a project owner

Vistra Overview



- Vistra Energy is an integrated power company based in Irving, TX
- Operates in 12 states in the US, with over 6,000 employees – experienced developer
- Vistra is a BB rated entity, with proforma net debt to EBITDA of 3x as of year-end 2018, and over \$3.9 billion of proforma liquidity
- Current owner of the Dynegy peaker plant. Committed to decommission that site and retrofit with a clean battery storage project.
- Contracting with Vistra best ensures that the peaker plant, which is currently under an RMR contract, is transitioned to an affordable clean energy source in a timely manner.
- Committed to utilizing union labor for construction and Oakland-based O&M staff

Vistra RA Project Details

- 20MW / 80MWh to deliver local Greater Bay Area Resource Adequacy
- Expected Initial Delivery Date is January 2022
- Delivery Point: Oakland Substation C
- Project is contingent on PG&E receiving CPUC approval for its contract related to reliability
- System will utilize Tier 1 lithium batteries – currently in discussions with 5 battery manufacturers
- System will utilize existing permits and the existing interconnection facility of the Oakland Generation Facility

Solar Frontier Overview



- Solar Frontier Americas Development, LLC (“SFAD”) is the utility-scale solar development arm of the company Showa Shell Sekiyu K.K.
- Our sister company headquartered in Japan, Solar Frontier K.K. is the world’s largest CIS thin-film solar energy company
- US office in San Francisco
- Experienced solar developer that has prioritized its IPP business with additional investments in CCAs. SFA recently acquired another CCA project with Peninsular Clean Energy as the buyer.
 - Currently owns 680MWs of generation
 - Over 200MW of solar brought to construction or COD recently
- Market capitalization of \$4.9BN

Solar Frontier Solar Project Details

- New construction of 55.83MWac solar project located in Tulare County
 - PG&E DLAP hub-settled location, favorable basis risk profile of the project
 - Commercial Operation Date expected Dec 2021 with Full Deliverability Status expected Dec 2022
 - Size that allows EBCE portfolio to ensure counterparty and project diversification
 - Estimated to produce over 150,000MWhs of energy annually
- 5-party PLA signed, Phase 2 interconnection study completed, site lease signed
- Solar Frontier has committed to funding EBCE's first EBCE Community Investment fund
- Solar Frontier has received all necessary internal approvals to move forward with this contract

Key Risks & Mitigating Actions

Risk	Description	Mitigation
Development & Counterparty Risk	Project encounters issues with development milestones, local opposition, equipment sourcing or financing	<ul style="list-style-type: none"> -Projects selected based in part on qualitative due diligence related to development risk. -The anticipated project portfolio reflects a diverse mix of counterparties and project. -Selected projects are required to post development security to EBCE in event of default. -Regular reporting will track development progress.
Project performance risk	Projects do not perform due to project related issues or poor weather conditions	<ul style="list-style-type: none"> -Idiosyncratic project issues should be addressed through project/counterparty posted operation security and performance related requirements, such as guaranteed energy production. -Analysis of solar irradiation was completed looking at robust historical data and a wide forecast of potential future outcomes.
Financial Risk	Actual financial profile of proposals deviates from expectations as a reflection of macro energy market characteristics	<ul style="list-style-type: none"> -Projects evaluated against multiple benchmarks, including historical market data and forward scenarios from 3rd party consultant. Forward scenarios include wide range of market conditions and result in probabilistic financial profiles. -The anticipated project portfolio reflects a diverse mix of project locations and technology that includes storage and wind. -Total MWs procured under this RFP is forecasted to be approximately 30% of annual load.
Congestion / Basis Risk	Transmission constraints degrade the value of power EBCE is purchasing during the term of the agreements	<ul style="list-style-type: none"> -Quantifying forward congestion is notoriously challenging. EBCE interviewed multiple consulting firms to understand possible treatments. Project financial profiles include recent historical data to reflect current market dynamics. -The load EBCE serves provides partial offset to potential congestion.
Load management Risk	EBCE load reduces based on customer departures, increase in distributed energy resources, DA, energy efficiency, population decline, etc.	<ul style="list-style-type: none"> -Detailed management of load forecasts into the future and conservative renewables procurement that limited long-term contracts. -Total MWs procured under this RFP is forecasted to be approximately 30% of annual load.

Next Steps

- Complete PPA negotiations (currently in active contract discussions) for additional projects and anticipate bringing forth contracts for board approval in June and July board meeting
- Board presentation on renewable energy integration and decarbonization
- IRP process to begin this summer to look at the 5-10 year time frame and EBCE renewable energy procurement targets above SB350 requirements
- Additional RFP/RFI planning to take place after completion of the CA Renewable Energy RFP focused on more specific shaped hourly needs and potential storage

CONFIDENTIAL

EXECUTION VERSION

IN FRONT OF THE METER

ENERGY STORAGE RESOURCE ADEQUACY AGREEMENT

COVER SHEET

Seller: Dynegy Marketing and Trade, LLC, a Delaware limited liability company

Buyer: East Bay Community Energy Authority, a California joint powers authority

Execution Date: _____, 2019

Description of Project: Oakland Energy Storage 1

Contract Amounts:

RA Attributes: 20 MW NQC

Local RA Attributes: 20 MW

Flexible RA Attributes: 20 MW EFC, Category ■

Payment Quantity: 20 MW

Contract Price: [REDACTED]

Milestones:

Milestone	Date
Site Control Deadline	[REDACTED]
Interconnection Agreement Execution Deadline	[REDACTED]
Construction Start Deadline	[REDACTED]
Commercial Operation Deadline	October 15, 2021
Expected Initial Delivery Date	January 1, 2022

Delivery Term: 10 Contract Years

TABLE OF CONTENTS

ARTICLE 1: DEFINITIONS.....	1
1.1 Contract Definitions.....	1
1.2 Rules of Interpretation	19
ARTICLE 2: TERM	20
2.1 Effectiveness	20
2.2 Term.....	21
ARTICLE 3: PROJECT DEVELOPMENT	21
3.1 Project Construction.....	21
3.2 Interconnection	22
3.3 Metering.....	23
3.4 Progress Reports	23
3.5 Remedial Action Plans.....	23
ARTICLE 4: INITIAL DELIVERY DATE	23
4.1 Timing of the Initial Delivery Date	23
4.2 Conditions Precedent to the Initial Delivery Date	24
4.3 Cooperation in Connection with Initial Delivery Date.....	26
4.4 Confirmation of Initial Delivery Date.....	26
ARTICLE 5: TRANSACTION	26
5.1 Product	26
5.2 Purchase and Sale Obligation	26
5.3 Allocation of CAISO Payments and Costs	27
ARTICLE 6: OPERATIONS.....	28
6.1 Operations.....	28
6.2 Charging Energy	28
6.3 Standard of Care	28
6.4 Buyer’s Compliance Obligations; Certification of Product.....	28
6.5 Scheduling.....	28
6.6 REDACTED	28
6.7 Changes in Law.....	29
ARTICLE 7: EVENTS OF DEFAULT; REMEDIES.....	30
7.1 Events of Default	30
7.2 Remedies; Declaration of Early Termination Date.....	33
7.3 Termination Payment.....	33
7.4 Notice of Payment of Termination Payment	34
7.5 Disputes with Respect to Termination Payment.....	34
7.6 Rights and Remedies Are Cumulative.....	34
ARTICLE 8: FORCE MAJEURE	34
8.1 Force Majeure	34

ARTICLE 9: INVOICING AND PAYMENT	35
9.1 Invoicing	35
9.2 Payment.....	36
9.3 Payment Adjustments; Billing Errors	36
9.4 Billing Disputes	36
9.5 Netting of Payments.....	37
ARTICLE 10: PERFORMANCE ASSURANCE	37
10.1 Seller’s Development Security	37
10.2 Seller’s Delivery Term Security	37
10.3 First Priority Security Interest in Cash or Cash Equivalent Collateral	38
10.4 Seller Financial Information	38
ARTICLE 11: SAFETY	38
11.1 Safety	39
11.2 Reporting Serious Incidents.....	39
11.3 Remediation	40
ARTICLE 12: TAXES.....	40
12.1 Taxes.....	40
12.2 Cooperation.....	40
ARTICLE 13: LIMITATIONS.....	40
13.1 No Consequential Damages.....	40
13.2 Waiver and Exclusion of Other Damages.....	41
ARTICLE 14: REPRESENTATIONS; WARRANTIES; COVENANTS.....	42
14.1 Seller’s Representations and Warranties	42
14.2 Buyer’s Representations and Warranties	43
14.3 General Covenants	44
14.4 Covenants of Seller	44
ARTICLE 15: INDEMNITIES.....	45
15.1 Indemnities.....	45
15.2 Notice of Claim.....	45
15.3 Defense of Claims.....	46
15.4 Subrogation of Rights	46
15.5 Rights and Remedies are Cumulative	47
ARTICLE 16: INSURANCE.....	47
16.1 Insurance	47
16.2 Evidence of Insurance.....	48
16.3 Failure to Comply	48
ARTICLE 17: RECORDS AND AUDIT RIGHTS.....	48
17.1 Operations Logs	48
17.2 Records and Audit.....	48
17.3 General Audit Right.....	49

17.4	State Auditor	49
17.5	Data Request Cooperation	49
17.6	Access Rights.....	49
ARTICLE 18: ASSIGNMENT		49
18.1	General Prohibition on Assignment.....	49
18.2	Collateral Assignment.....	49
18.3	Permitted Assignment by Seller.....	50
18.4	Unauthorized Assignment; Written Agreement; Costs.....	50
ARTICLE 19: DISPUTE RESOLUTION		50
19.1	Governing Law	50
19.2	Dispute Resolution.....	50
ARTICLE 20: CONFIDENTIAL INFORMATION		51
20.1	Confidential Information	51
20.2	Permitted Disclosures	51
20.3	Remedies.....	52
ARTICLE 21: GENERAL PROVISIONS		52
21.1	Entire Agreement; Integration; Exhibits.....	52
21.2	Amendments	52
21.3	Survival	53
21.4	Waivers	53
21.5	No Agency, Partnership, Joint Venture or Lease.....	53
21.6	Severability	53
21.7	Mobile Sierra	53
21.8	Counterparts.....	54
21.9	Electronic Delivery	54
21.10	No Recourse to Members of Buyer	54
21.11	Forward Contract	54
21.12	Further Assurances.....	54
ARTICLE 22: NOTICES.....		54
22.1	Addresses for the Delivery of Notices	54
22.2	Time of Delivery.....	54

APPENDICES

Appendix I – Description of Project & Units	I-1
Appendix II –Operational Characteristics	II-1
Appendix III – Progress Reporting Form	III-1
Appendix IV – Certification for Commercial Operation.....	IV-1
Appendix V-A – Form of Letter of Credit.....	V-A-1
Appendix V-B – Form of Guaranty	V-B-1
Appendix VI – Project Safety Plan and Documentation	VI-1
Appendix VII – MUA Decision Attestation	VII-1
Appendix VIII – Notices.....	VIII-1
Appendix XX – Workforce Development and Community Investment Obligations.....	XX-1

ENERGY STORAGE RESOURCE ADEQUACY AGREEMENT

This Energy Storage Resource Adequacy Agreement (“Agreement”) is made by and between the buyer (“Buyer”) and the seller (“Seller”) as of the execution date (“Execution Date”), in each case as set forth on the cover sheet (“Cover Sheet”) to this Agreement. Seller and Buyer are referred to each individually as a “Party” and collectively as the “Parties.”

RECITALS

WHEREAS, Seller intends to develop, design, permit, construct, own, and operate the Project; 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.** Capitalized terms used in this Agreement have the following meanings, unless otherwise specified:

“**AAA**” has the meaning set forth in Section 19.2(b).

“**Affiliate**” of a Person means any other Person that (a) directly or indirectly controls the specified Person; (b) is controlled by or is under direct or indirect common control with the specified Person; or (c) is an officer, director, employee, representative or agent of the Person. For the purposes of this definition, “control”, when used with respect to any specified Person, means the power to direct the management or policies of the specified Person, directly or indirectly, through one or more intermediaries.

“**Agreement**” has the meaning set forth in the preamble.

“**Ancillary Services**” has the meaning set forth in the CAISO Tariff.

“**Availability Incentive Payments**” has the meaning set forth in the CAISO Tariff.

“**Availability Standards**” has the meaning set forth in the CAISO Tariff.

“**Balancing Authority**” has the meaning set forth in the CAISO Tariff.

“**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.

“**Bid**” shall have the meaning in the CAISO Tariff.

“**Business Day**” means any day except a Saturday, Sunday, or a Federal Reserve Bank holiday in California.

“**Buyer**” has the meaning set forth in the preamble to this Agreement.

“**Buyer Group**” has the meaning set forth in Section 15.1.

“**Buyer Indemnifiable Loss(es)**” has the meaning set forth in Section 15.1(a).

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

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

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

“**CAISO Tariff**” means the CAISO Fifth Replacement FERC Electric Tariff and protocol provisions, including any CAISO-published procedures or business practice manuals, as they may be amended, supplemented or replaced (in whole or in part) from time to time.

“**Capacity Adjustment Date**” has the meaning set forth in Section 6.7(a).

“**Capacity Attributes**” means, any and all of the following attributes:

- (a) RA Attributes,
- (b) Local RA Attributes,
- (c) Flexible RA Attributes, and
- (d) Other Capacity Attributes.

“**CARB**” means the California Air Resources Board or any successor entity performing similar functions.

“**CEC**” means the California Energy Commission or any successor entity performing similar functions.



[REDACTED]

[REDACTED]

“**Change Notice**” has the meaning set forth in Section 6.7(a).

“**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 amount of Energy withdrawn from the Utility Distribution Company’s electrical system, Participating Transmission Owner’s electrical system, the CAISO Grid, or otherwise, to be stored by the Project.

“**Claim**” has the meaning set forth in Section 15.1(a).

“**Commercial Operation Date**” means the date stated in Seller’s Notice, substantially in the form of Appendix IV, upon which the Project became Commercially Operable.

“**Commercial Operation Deadline**” means the date that is seventy-five (75) days before the Expected Initial Delivery Date, as set forth on the Cover Sheet, as such deadline may be extended day for day to reflect any Force Majeure or Event of Default by Buyer; provided that such an extension due to Force Majeure shall not extend the time period described in Section 8.1(d)(ii).

“**Commercial Operation Milestone**” means the Project becoming Commercially Operable on or before the Commercial Operation Deadline.

“**Commercially Operable**” with respect to the Project, is a condition occurring after such time as Mechanical Completion has occurred, commissioning is complete, the Project has been released by the EPC Contractor to Seller for commercial operations, and permission to operate has been formally obtained from the applicable transmission or distribution utility.

“**Compliance Obligations**” means the RAR, Local RAR, Flexible RAR, and any other resource adequacy or capacity procurement requirements imposed on Load Serving Entities (as

defined in the CAISO Tariff) by the CPUC pursuant to the CPUC Decisions, by the CAISO, by the WECC, or by any other Governmental Authority having jurisdiction.

“Compliance Showings” means the total combination of (a) through (d) below that a Load Serving Entity (as defined in the CAISO Tariff) is required to make to the CPUC pursuant to the CPUC Decisions, or to any Governmental Authority having jurisdiction: (a) Local RAR compliance or advisory showings (or similar or successor showings), (b) RAR compliance or advisory showings (or similar or successor showings), (c) Flexible RAR compliance or advisory showings (or similar or successor showings), and (d) other Capacity Attributes compliance or advisory showings (or similar or successor showings).

“Conditions Precedent” has the meaning set forth in Section 4.2.

“Confidential Information” has the meaning set forth in Section 20.1.

“Confirmation Notice” has the meaning set forth in Section 6.7(a).

“Construction Delay Cure Period” has the meaning set forth in Section 3.1(d).

“Construction Delay Damages” means liquidated damages in an amount equal [REDACTED].

“Construction Start” has the meaning set forth in Section 3.1(c).

“Construction Start Deadline” means the construction start deadline set forth on the Cover Sheet, as such deadline may be extended day for day to reflect any Force Majeure or Event of Default by Buyer; provided that such an extension due to Force Majeure shall not extend the time period described in Section 8.1(d)(ii).

“Contract Amount” has the meaning set forth in Section 5.2(a).

“Contract Price” means the amount specified in Section 5.2(d).

“Contract Year” means a period of twelve (12) consecutive months; the first Contract Year shall commence on the Initial Delivery Date; and each subsequent Contract Year shall commence on the anniversary of the Initial Delivery Date. The final Contract Year may be a period of less than twelve (12) consecutive months.

“Contractor” means the EPC Contractor and its subcontractors, as well as Seller or Seller’s Affiliates if any such entities are developing, constructing, operating or maintaining the Project during the Term, and any entity or person under contract with Seller or Seller’s Affiliates for the purpose of developing, constructing, operating or maintaining the Project during the Term.

“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 that replace this Agreement; and all reasonable attorneys’ fees and

expenses incurred by the Non-Defaulting Party in connection with the termination of this Agreement.

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

“CPM” means “Capacity Procurement Mechanism” and has the meaning set forth in the CAISO Tariff and is inclusive of any successor mechanisms authorized by CAISO.

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

“CPUC” or **“Commission”** means the California Public Utilities Commission or any successor entity performing similar functions.

“CPUC Approval” means a final and non-appealable order of the CPUC, without conditions or modifications unacceptable to Seller or PG&E, which approves the PG&E Agreement (and any related agreements between Seller and PG&E for which approval by the CPUC was sought by PG&E) in its entirety, subject to CPUC review of PG&E’s administration of the PG&E Agreement (and any such other agreements). CPUC Approval will be deemed to have occurred on the first day it can be legally determined that a final CPUC order containing such findings has become non-appealable.

“CPUC Approval Condition Precedent” has the meaning set forth in Section 2.1(c).

“CPUC Decisions” means CPUC Decisions 04-01-050, 04-10-035, 05-10-042, 06-04-040, 06-06-064, 06-07-031, 07-06-029, 08-06-031, 09-06-028, 10-06-036, 11-06-022, 12-06-025, 13-06-024, 14-06-050, and any other existing or subsequent decisions, resolutions or rulings related to resource adequacy, as may be amended from time to time by the CPUC.

“CPUC General Order No. 167” issued by the CPUC directs the implementation and enforcement of standards for the maintenance and operation of electric generating facilities and power plants and can be found at the link below:

http://docs.cpuc.ca.gov/PUBLISHED/GENERAL_ORDER/108114.htm

“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.

“Critical Milestone” has the meaning set forth in Section 3.5.

“Curtailment Order” means any of the following:

(a) CAISO orders, directs, alerts, or provides notice to Seller, including an “operating order” (as defined in the CAISO Tariff) from CAISO, to curtail deliveries of energy from the Project to the Utility Distribution Company’s electrical system or to the CAISO Grid for any reason outside of the reasonable control of Seller, including: (i) any

System Emergency, or (ii) any imminent condition or situation, which jeopardizes the CAISO Grid's integrity or the integrity of other systems to which CAISO is connected;

(b) a curtailment ordered by the Participating Transmission Owner 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 conditions or situations that jeopardize the Participating Transmission Owner's electric system integrity or the integrity of other systems to which the Participating Transmission Owner is connected;

(c) a curtailment ordered by CAISO or the Participating Transmission Owner due to scheduled or unscheduled maintenance on the Participating Transmission Owner's transmission facilities that prevents Seller from delivering energy from the Project to the Utility Distribution Company's electrical system or to the CAISO Grid; or

(d) a curtailment as required of Seller under its Interconnection Agreement.

"Damage Payment" means the dollar amount equal to [REDACTED].

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

"Delay Damages" means any Construction Delay Damages or IDD Delay Damages.

"Delivered Quantities" has the meaning set forth in Section 5.2(c).

"Delivery Term" has the meaning set forth in Section 2.2(b).

"Delivery Term Security" means (i) cash or (ii) a Letter of Credit, each in an amount equal to [REDACTED], or (iii) a Guaranty in an amount equal to [REDACTED].

"Development Security" means (i) cash or (ii) a Letter of Credit in an amount equal to [REDACTED].

"Disclosing Party" has the meaning set forth in Section 20.2.

"Disclosure Order" has the meaning set forth in Section 20.2(a).

"Disclosure Request" has the meaning set forth in Section 20.2(b).

"Early Termination Date" has the meaning set forth in Section 7.2(a).

"EFC" or **"Effective Flexible Capacity"** has the meaning given to "Effective Flexible Capacity" in the CAISO Tariff.

"Effective Date" has the meaning set forth in Section 2.1(b).

“Electric System Upgrades” means any upgrades, including, Network Upgrades, Distribution Upgrades, or Interconnection Facilities (as these terms are defined in the CAISO Tariff), that are determined to be necessary by the CAISO, Participating TO, or Utility Distribution Company as applicable, to physically and electrically interconnect the Project to the Utility Distribution Company’s/Participating TO’s electric system for delivery of Energy from the Project such that the Project can provide Product at all times during the Delivery Term.

“Energy” means three-phase, 60-cycle alternating current electric energy, measured in MWs.

“Environmental Costs” means costs incurred in connection with acquiring and maintaining all environmental permits and licenses for the Project’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 Project, 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, marketable emission trading credits, and any costs related to greenhouse gas emissions, 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 a Site or the Project.

“Environmental Indemnifiable Loss(es)” has the meaning set forth in Section 15.1(b).

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

“EPC Contractor” means Seller’s engineering, procurement and construction contractor or such Person performing those functions.

“Event of Default” means a Seller’s Event of Default or a Party’s Event of Default.

“Execution Date” has the meaning set forth in the preamble.

“Exigent Circumstance” means actual or imminent harm to life or safety, public health, third-party owned property, including a Site, or the environment due to or arising from the Project or portion thereof.

“Expected Initial Delivery Date” means the expected initial delivery date set forth on the Cover Sheet, as such date may be extended by day for day to reflect any Force Majeure or Event of Default by Buyer; provided that such an extension due to Force Majeure shall not extend the time period described in Section 8.1(d)(ii).

“Expert” has the meaning set forth in Section 19.2(b).

“FERC” means the Federal Energy Regulatory Commission or any successor entity performing similar functions.

“Flexible RA Attributes” means any and all flexible resource adequacy attributes, as may be identified at any time during the Delivery Term by the CPUC, CAISO or other Governmental Authority having jurisdiction that can be counted toward Flexible RAR, exclusive of any RA Attributes, Local RA Attributes, or Other Capacity Attributes.

“Flexible RAR” means the flexible resource adequacy requirements established for Load Serving Entities (as defined in the CAISO Tariff) by the CPUC pursuant to the CPUC Decisions, or by any other Governmental Authority having jurisdiction.

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

(a) Force Majeure may include:

(i) acts of God, including landslide, lightning, earthquake, storm, hurricane, flood, drought, tornado, or other natural disasters and weather related events affecting an entire region which caused failure of performance;

(ii) transportation accidents affecting delivery of equipment only if such accident occurs prior to the Commercial Operation Date;

(iii) sabotage, riot, acts of terrorism, war and acts of public enemy; or

(iv) restraint by court order or other Governmental Authority.

(b) Force Majeure does not include:

(i) a failure of performance of any third party (except to the extent that the third party’s failure of performance is caused by an event or circumstance that otherwise qualifies as Force Majeure);

(ii) breakage or malfunction of equipment (except to the extent that such failure was caused by an event that would otherwise satisfy the definition of a Force Majeure event as defined above);

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

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

(v) Seller's inability to obtain permits or approvals of any type for the construction, operation or maintenance of the Project, unless caused solely by an event of Force Majeure of the specific type described in any of subsections (a)(i) through (a)(iv) above;

(vi) Seller's inability to complete interconnection by the Expected Initial Delivery Date, unless such delay is caused solely by an event of Force Majeure of the specific type described in any of subsections (a)(i) through (a)(iv) above;

(vii) Seller's inability to obtain sufficient Charging Energy, fuel, power or materials to operate the Project, except if Seller's inability to obtain sufficient Charging Energy, fuel, power or materials is caused solely by an event of Force Majeure of the specific type described in any of subsections (a)(i) through (a)(iv) above;

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

(ix) Seller's failure to obtain Site control, unless caused solely by an event of Force Majeure of the specific type described in any of subsections (a)(i) through (a)(iv) above;

(x) Buyer's inability to use the Product, except as a result of a breach of this Agreement by Seller;

(xi) Buyer's inability to pay Seller as required hereunder; or

(xii) Buyer's ability to buy the Product at a price lower than the price set forth in this Agreement.

"Force Majeure Failure" has the meaning set forth in Section 8.1(d).

"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. 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, all of which should be calculated for the remaining Delivery Term to determine the value of the Product.

"Generally Accepted Accounting Principles" means the standards for accounting and preparation of financial statements established by the Federal Accounting Standards Advisory Board (or its successor agency) or any successor standards adopted pursuant to relevant SEC rule.

“Governmental Approval” means all authorizations, consents, approvals, waivers, exceptions, variances, filings, permits, orders, licenses, exemptions, notices to and declarations of or with any Governmental Authority and shall include those siting and operating permits and licenses, and any of the foregoing under any applicable environmental Law, that are required for the development, use and operation of the Project, including any approvals required under the California Environmental Quality Act.

“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, however*, that “Governmental Authority” shall not in any event include any Party.

“Guarantor” means [REDACTED]
[REDACTED]
[REDACTED]

“Guaranty” means a Guaranty by a Guarantor substantially in the form of Appendix V-B, or in such other form reasonably accepted by Buyer.

“Hazardous Substance” means, collectively, (a) any chemical, material or substance that is listed or regulated under applicable Laws as a “hazardous” or “toxic” substance or waste, or as a “contaminant” or “pollutant” or words of similar import, (b) any petroleum or petroleum products, flammable materials, explosives, radioactive materials, asbestos, urea formaldehyde foam insulation, and transformers or other equipment that contain polychlorinated biphenyls, and (c) any other chemical or other material or substance, exposure to which is prohibited, limited or regulated by any Laws.

“IDD Cure Period” has the meaning set forth in Section 4.1(c)(i).

“IDD Delay Damages” means liquidated damages in an amount equal to [REDACTED].
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

“Initial Delivery Date” has the meaning set forth in Section 2.2(b).

“Interconnection Agreement” means the agreement(s) and associated documents (or any successor agreement and associated documentation approved by FERC or the CPUC) by and among Seller and, as applicable, the Utility Distribution Company, the Participating Transmission Owner, and the CAISO, governing the terms and conditions of the interconnection of the Project with the Utility Distribution Company’s or CAISO’s grid, including any description of the plan for interconnecting the Project to the applicable grid.

“Interconnection Agreement Execution Deadline” means the Interconnection Agreement execution deadline set forth on the Cover Sheet.

“Interest Rate” has the meaning set forth in Section 9.2.

“Joint Powers Agreement” means that certain Joint Powers Agreement of Buyer, dated as of December 1, 2016, by and among the County of Alameda, the City of Albany, the City of Berkeley, the City of Dublin, the City of Emeryville, the City of Fremont, the City of Hayward, the City of Livermore, the City of Oakland, the City of Piedmont, the City of San Leandro, and the City of Union City.

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

“Lender” means, collectively, any non-Affiliate Person (i) providing senior or subordinated construction, interim, back leverage or long-term debt, equity or tax equity financing or refinancing or credit support (including as Performance Assurance) for or in connection with the development, construction, purchase, installation or operation of the Project, 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 Project or purchasing equity ownership interests of Seller or its Affiliates for purposes of providing financing or refinancing for the Project, 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 or (iii) participating in a lease financing (including a sale leaseback or leveraged leasing structure) with respect to the Project.

“Letter 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 Appendix V-A.

“LIBOR” means the London Interbank Offered Rate for the corresponding deposits of U.S. dollars.

“Licensed Professional Engineer” means a person acceptable to Buyer in its reasonable judgment who (a) is licensed to practice engineering in California in accordance with applicable Law including Cal. Bus. & Prof. Code §§ 6700 *et seq.*, (b) has training and experience in the power industry specific to the technology of the Project, (c) has no economic or familial relationship, association, or nexus with Seller or Buyer, other than to meet the obligations of

Seller pursuant to this Agreement, (d) is not a representative of a consultant, engineer, contractor, designer or other individual involved in the development of the Project or of a manufacturer or supplier of any equipment installed at the Project, and (e) is licensed in an appropriate engineering discipline for the required certification being made.

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

“Local RA Attributes” means any and all resource adequacy attributes or other locational attributes related to a Local Capacity Area, as may be identified at any time during the Delivery Term by the CPUC, CAISO or other Governmental Authority having jurisdiction, associated with a physical location or point of electrical interconnection within the CAISO’s Balancing Authority, that can be counted toward a Local RAR.

“Local RAR” means the local resource adequacy requirements established for Load Serving Entities (as defined in the CAISO Tariff) by the CPUC pursuant to CPUC Decisions, or by any other Governmental Authority having jurisdiction. Local RAR may also be known as local area reliability, local resource adequacy, local resource adequacy procurement requirements, or local capacity requirement in other regulatory proceedings or legislative actions.

“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. 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, all of which should be calculated for the remaining Delivery Term to determine the value of the Product. If the Non-Defaulting Party is the Seller, then “Losses” shall exclude any loss of federal or state tax credits, grants, or benefits related to the Project or generation therefrom or any costs or fees related to the Site or Project.

“Mechanical Completion” means that (a) all components and systems of the Project have been properly constructed, installed and functionally tested according to EPC Contract requirements in a safe and prudent manner that does not void any equipment or system warranties or violate any permits, approvals or Laws; (b) the Project is ready for testing and commissioning, as applicable; (c) Seller has provided written acceptance to the EPC Contractor of mechanical completion as that term is specifically defined in the EPC Contract.

“Monthly Payment” has the meaning set forth in Section 5.2(d).

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

“MUA Decision” has the meaning set forth in Section 4.2(p).

“Must Offer Obligations” means Seller’s obligation to Bid or cause Seller’s SC to Bid the Project into the CAISO Markets due to delivery of the Product to Buyer and in accordance with the CAISO Tariff.

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

“**NERC**” means the North American Electric Reliability Corporation or any successor entity performing similar functions.

“**Non-Availability Charges**” has the meaning set forth in the CAISO Tariff.

“**Non-Defaulting Party**” has the meaning set forth in Section 7.2.

“**Non-Spinning Reserve**” has the meaning set forth in the CAISO Tariff.

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

“**Notice of Claim**” has the meaning set forth in Section 15.2(a).

“**Notify**” means to provide a Notice.

“**NQC**” or “**Net Qualifying Capacity**” has the meaning given to “Net Qualifying Capacity” in the CAISO Tariff.

“**Operational Characteristics**” means the operational characteristics set forth in Appendix II.

“**Other Capacity Attributes**” means, exclusive of RA Attributes, Local RA Attributes, and Flexible RA Attributes, any (a) current or future capacity characteristics or attributes, including the ability to generate or charge at given capacity levels, the ability to ramp up or down at a given rate, flexibility or dispatchability attributes, and locational attributes, as may be identified at any time during the Delivery Term by any applicable Law, or voluntary or mandatory program of any Governmental Authority or other Person, (b) certificate, tag, or credit, intended to commoditize or otherwise attribute value resulting from or associated with the characteristics set forth in subsection (a) of this definition, and (c) any accounting construct so that the characteristics or values set forth in subsections (a) or (b) hereof may be counted toward any Compliance Obligations.

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

“**Party**” or “**Parties**” has the meaning set forth in the preamble of this Agreement.

“**Party’s Event of Default**” has the meaning set forth in Section 7.1(b).

“**Payment Quantity**” has the meaning set forth in Section 5.2(d).

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

“Permit” means any waiver, exemption, variance, franchise, permit, authorization, consent, ruling, certification, license or similar order of or from, or filing or registration with, or notice to, any Governmental Authority that authorizes, approves, limits or imposes conditions upon a specified activity.

“Permitted Transferee” means (i) any Affiliate of Seller or (ii) any entity that has, or is controlled by another Person that satisfies the following requirements:

(a) A tangible net worth of not less than [REDACTED] or a credit rating of at least [REDACTED]; and

(b) At least two (2) years of experience in the ownership and operations of facilities similar to the Project, or has retained a third-party with such experience to operate the Project.

“Person” means any individual, sole proprietorship, corporation, limited liability company, limited or general partnership, joint venture, association, joint-stock company, trust, incorporated organization, institution, public benefit corporation, unincorporated organization, government entity or other entity.

“PG&E” means Pacific Gas and Electric Company.

“PG&E Agreement” means the Market Capability Agreement to be entered into between Seller and PG&E pertaining to the Oakland Clean Energy Initiative, as approved by CAISO on March 22, 2018.

“Pricing Node” or **“PNode”** has the meaning set forth in the CAISO Tariff.

“Product” has the meaning set forth in Section 5.1(a).

“Progress Report” means a reasonably detailed progress report including the items set forth in Appendix III.

“Project” means the energy storage facility described in Appendix I, as such may be revised from time to time in accordance with this Agreement.

“Project Safety Plan” means Seller’s written plan that includes the Safeguards and plans to comply with the Safety Requirements, as such Safeguards and Safety Requirements are generally outlined in Appendix VI.

“Prudent Operating Practice” means those practices, methods, codes and acts engaged in or approved by a significant portion of the electric power industry and applicable to energy storage facilities during the relevant time period, or any of the practices, methods and acts which,

in the exercise of reasonable judgment in light of the facts known at the time a decision is made, that could have been expected to accomplish a desired result at reasonable cost consistent with good business practices, reliability, safety and expedition. Prudent Operating Practices are not intended to be limited to the optimum practices, methods, or acts to the exclusion of others, but rather to those practices, methods and acts generally accepted or approved by a significant portion of the electric power industry in the relevant region, during the relevant time period, as described in the immediately preceding sentence. Prudent Operating Practices also includes taking reasonable steps to ensure that:

(a) Safeguards are implemented and maintained for the Project and at each Site and are sufficient to address reasonably foreseeable incidents;

(b) equipment, material, and supplies are sufficient and accessible to operate the Project safely and reliably;

(c) operating personnel are trained, equipped, and capable of responsible operation and maintenance of the Project and at each Site, including identifying and responding to System Emergencies, emergencies, or Exigent Circumstances originating from or impacting the Project or Site;

(d) the Project's material components and control systems are designed, manufactured, and configured to meet the standard of durability and safety generally used for electric power or energy storage facilities operating in the relevant region; and

(e) the Project is appropriately designed, operated, maintained, monitored, and tested to ensure it continues to function safely, reliably, and consistent with the intended design specifications, applicable Laws, and Permits, and over the complete range of environmental conditions reasonably expected to occur at each Site.

“RA Attributes” means, any and all resource adequacy attributes, exclusive of any Local RA Attributes, Flexible RA Attributes and Other Capacity Attributes, as may be identified at any time during the Delivery Term by the CPUC, CAISO or other Governmental Authority having jurisdiction, that can be counted toward RAR and Local RAR.

“Receiving Party” has the meaning set forth in Section 20.2(b).

“Regulation Down” has the meaning set forth in the CAISO Tariff.

“Regulation Up” has the meaning set forth in the CAISO Tariff.

“Regulatory Disclosure” has the meaning set forth in Section 20.2(a).

“Reliability Organization” means an “Electric Reliability Organization” as defined in Section 215(a)(2) of the Federal Power Act or a “regional entity” as defined in Section 215(a)(7) of the Federal Power Act.

“Remedial Action Plan” has the meaning set forth in Section 3.5.

“Remediation Event” means the occurrence of any of the following with respect to the Project or a Site: (a) an Exigent Circumstance (b) a Serious Incident; (c) a change in the nature, scope, or requirements of applicable Laws, Permits, codes, standards, or regulations issued by Governmental Authorities which requires modifications to the Safeguards; (d) a material change to the manufacturer’s guidelines that requires modification to equipment or the Project’s operating procedures; (e) a failure or compromise of an existing Safeguard; (f) Notice by Buyer pursuant to Section 11.1, in its sole discretion, that the Project Safety Plan is not consistent with the Safety Requirements; or (g) any actual condition related to the Project or a Site with the potential to adversely impact the safe construction, operation, or maintenance of the Project or a Site.

“Remediation Period” means the time period between the first occurrence of the Remediation Event and the resolution of such Remediation Event which period may not exceed a total of ninety (90) days; provided, however, that Seller may request to extend the Remediation Period by up to ninety (90) days if Seller is unable to resolve the Remediation Event within the initial ninety (90) day period despite exercising diligent efforts (and Buyer shall not unreasonably withhold approval of such extension), and Seller may request an additional extension of the Remediation Period of up to ninety (90) days if Seller is unable to resolve the Remediation Event within the ninety (90) day extension period despite exercising diligent efforts, which Buyer may approve or reject in its sole discretion. The Remediation Period may not, under any circumstance, continue for more than two hundred and seventy (270) days from the first occurrence of the Remediation Event.

“Requirements” means Prudent Operating Practices and all applicable requirements of Law, the Utility Distribution Company, the Transmission Provider, Governmental Approvals, the CAISO, CPUC, CARB, FERC, NERC and WECC.

“Resold Product” has the meaning set forth in Section 5.1(b).

“Resource Adequacy” means the procurement obligation of load serving entities, including Buyer, as such obligations are described in CPUC Decisions D.04-10-035 and D.05-10-042 and subsequent CPUC decisions addressing Resource Adequacy issues, as those obligations may be altered from time to time, and all other capacity procurement obligations established by any other entity, including the CAISO.

“Resource Adequacy Plan” has the meaning set forth in the CAISO Tariff.

“Resource Adequacy Requirement” or **“RAR”** means the Resource Adequacy or successor program requirements established by the CPUC, CAISO or any other regional entity, including submission of a Supply Plan or Resource Adequacy Plan.

“RMR” means **“Reliability Must-Run”** and has the meaning set forth in, and as used in, the CAISO Tariff.

“RMR Contract” has the meaning set forth in the CAISO Tariff.

“RMR Generation” has the meaning set forth in the CAISO Tariff.

“**Shortfall**” means any difference between a Delivered Quantity and a Contract Amount.

“**Showing Month**” incorporates each day of each calendar month of the Delivery Term that is the subject of the Compliance Showings, as set forth in the CPUC Decisions. For illustrative purposes only, pursuant to the CPUC Decisions in effect as of the Execution Date, the monthly Compliance Showings made in June are for the Showing Month of August and the annual Compliance Showing made in October is for the twelve (12) Showing Months of the following year.

“**Site(s)**” means the real property on which the Project is located, as identified in Appendix I.

“**Site Control**” means that Seller owns the Site and the Project or has demonstrable contractual real property rights to the Site sufficient for the permitting, control, development and operation of the Project.

“**Site Control Deadline**” means the site control deadline set forth on the Cover Sheet.

“**Spinning Reserve**” has the meaning set forth in the CAISO Tariff.

“**Supply Plan**” has the meaning set forth in the CAISO Tariff.

“**Supplying Party**” has the meaning set forth in Section 20.2(b).

“**System Emergency**” has the meaning set forth in the CAISO Tariff.

“**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 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.

“**Term**” has the meaning set forth in Section 2.2(a).

“**Terminated Transaction**” has the meaning set forth in Section 7.2(a).

“**Termination Payment**” has the meaning set forth in Section 7.3.

“**Transmission Provider**” means the CAISO.

“**Ultimate Parent**” means Vistra Energy Corp., or its successor(s).

“**Utility Distribution Company**” has the meaning set forth in the CAISO Tariff.

“**WECC**” means the Western Electricity Coordinating Council or its successor entity with similar functions.

“**Work**” means (a) work or operations performed by a Party or on a Party’s behalf; and (b) materials, parts or equipment furnished in connection with such work or operations; including (i) warranties or representations made at any time with respect to the fitness, quality, durability, performance or use of “a Party’s work”; and (ii) the providing of or failure to provide warnings or instructions.

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, appendix, or exhibit is a reference to that section, paragraph, clause of, or that Party, appendix, or exhibit to, this Agreement unless otherwise specified;

(e) a reference to a document or agreement, including this Agreement means 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 term “including” means “including without limitation” and any list of examples following such term shall in no way restrict or limit the generality of the work 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) 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;

(l) the terms “year” and “calendar year” mean the period of months from January 1 through and including December 31; the term “month” means a calendar month unless otherwise indicated, and a “day” means a 24-hour period beginning at 12:00:01 a.m. and ending at 12:00:00 midnight; provided that a “day” may be 23 or 25 hours on those days on which daylight savings time begins or ends, respectively;

(m) unless otherwise specified herein, where the consent of a Party is required, such consent shall not be unreasonably withheld or unreasonably delayed;

(n) when an action is required to be completed on a Business Day, such action must be completed prior to 5:00 p.m. on such day, Pacific Standard time, and actions occurring after 5:00 p.m. (such as the delivery of a Notice) will be deemed to have occurred on the following Business Day;

(o) all references to Product mean each and all components of the Product unless the context infers a particular component of Product; and

(p) 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

2.1 **Effectiveness.**

(a) **Upon Execution Date.**

(i) Upon execution by both Parties, this Agreement shall be effective and binding as of the Execution Date, but only to the extent required to give full effect to and enforce the rights and obligations of the Parties under: Articles 1, 2, 8, and 12-22; Sections 6.4(a) and 6.6; Sections 7.1(a)(i), 7.1(b)(ii), 7.1(b)(iii), as applicable, 7.1(b)(iv)-(vi) and 7.2-7.4; and Section 10.4.

(ii) As a condition precedent to Buyer’s obligation to perform under this Agreement, Seller shall deliver to Buyer on or before the Execution Date correct and complete copies of: (A) a copy of the annual report of Vistra Operations Company LLC, or, if the consolidated financial statements are prepared on a consolidated basis with the financial statements of Vistra Energy Corp., the consolidated financial statements of Vistra Energy Corp.,

(a) Seller shall achieve Site Control no later than the Site Control Deadline, subject to Section 3.5.

(b) Seller shall develop, design and construct the Project in timely fashion in order to perform Seller's obligations under this Agreement.

(c) Seller shall cause the following to occur ("**Construction Start**") no later than the Construction Start Deadline and shall provide Notice to Buyer certifying the satisfaction of this Section 3.1(c): (i) acquisition of all Governmental Approvals necessary for the construction of the Project, (ii) engagement of the EPC Contractor, (iii) execution of the EPC Contract and issuance of a full notice to proceed thereunder that authorizes the EPC Contractor to mobilize to the Site and begin physical construction (including, at a minimum, excavation for foundations or the installation or erection of improvements, as applicable) at the Site, and (iv) ordering of all essential equipment and supplies, in each case (i)-(iv), as reasonably necessary so that physical construction of the Project may begin and proceed to completion without foreseeable interruption of material duration.

(d) If Construction Start is not achieved on or before the Construction Start Deadline, then for each day beginning with the day after the Construction Start Deadline through and including the date on which Construction Start occurs, for a period beyond the Construction Start Deadline lasting no more than ninety (90) days ("**Construction Delay Cure Period**"), Seller shall pay Construction Delay Damages to Buyer. Buyer shall invoice Seller for the amount of any Construction Delay Damages.

██████████ Prior to the expiration of the Construction Delay Cure Period, so long as Seller has paid Construction Delay Damages to Buyer in accordance with this Section 3.1(d), Seller's failure to achieve Construction Start on or before the Construction Start Deadline shall not be deemed a Seller's Event of Default. If Seller achieves the Initial Delivery Date on the Expected Initial Delivery Date, all Construction Delay Damages paid by Seller shall be refunded to Seller. Seller shall include the request for refund of the Construction Delay Damages with the first invoice to Buyer after the Initial Delivery Date. Each Party agrees that (i) the damages that Buyer would incur due to Seller's delay in achieving the Construction Start Deadline would be difficult or impossible to predict with certainty and (ii) the Construction Delay Damages are an appropriate approximation of such damages.

3.2 **Interconnection.** Seller shall (a) execute all necessary Interconnection Agreements by the Interconnection Agreement Execution Deadline (subject to Section 3.5), (b) comply with all terms and conditions contained therein as necessary for the safe and reliable delivery of the Product, and (c) arrange, schedule and be responsible for any and all electric distribution and transmission service including any Governmental Approvals required for the foregoing. Seller shall fulfill all contractual, metering and applicable interconnection requirements, including Electric System Upgrades and those requirements set forth in the Utility Distribution Company's applicable tariffs, the Participating Transmission Owner's applicable tariffs, the CAISO Tariff and implementing CAISO standards and requirements, so as to be able to deliver the Product to Buyer.

3.3 **Metering.** At Seller’s expense, Seller shall obtain and maintain a single CAISO resource ID dedicated exclusively to the Project and shall install, or cause to be installed, all necessary metering and telemetry required by the CAISO to deliver the Product.

3.4 **Progress Reports.** Within fifteen (15) days after the close of each calendar month, starting with the first calendar month following the CPUC Approval and until the Initial Delivery Date, Seller shall provide to Buyer a Progress Report in a Notice and agree to regularly scheduled meetings between representatives of Buyer and Seller to review such monthly reports and discuss Seller’s construction progress. Seller shall also provide Buyer with any reasonable requested documentation, subject to the confidentiality restrictions set forth in this Agreement, directly related to the achievement of Critical Milestones within ten (10) Business Days of receipt of such request by Seller.

3.5 **Remedial Action Plans.** The Site Control Deadline and the Interconnection Agreement Execution Deadline are each a “**Critical Milestone.**” If Seller anticipates that it will not be able to timely satisfy a Critical Milestone or the Commercial Operation Milestone, except as the result of Force Majeure or a Buyer Event of Default, Seller shall submit to Buyer no later than thirty (30) days prior to the relevant deadline a remedial action plan (“**Remedial Action Plan**”), which will describe in detail the actual delay, any anticipated delay beyond the scheduled deadline, the cause of the delay, and Seller’s proposed course of action to achieve the missed deadline, any subsequent Critical Milestones, and the Initial Delivery Date by the Expected Initial Delivery Date. Delivery of a Remedial Action Plan shall not relieve Seller of any obligation under this Agreement. So long as Seller complies with its obligations under Section 3.4 and this Section 3.5, however, Seller shall not be considered in default of its obligations under this Agreement solely as a result of failing to timely satisfy a Critical Milestone.

ARTICLE 4: INITIAL DELIVERY DATE

4.1 **Timing of the Initial Delivery Date.**

(a) **Timely Initial Delivery Date.** Seller shall cause the Initial Delivery Date to occur on, and not prior to, the Expected Initial Delivery Date.

(b) **Early Initial Delivery Date.** If Seller wishes for the Initial Delivery Date to occur prior to the Expected Initial Delivery Date, Seller may provide Buyer with a written request for a specified earlier date, so long as such written request is provided at least one (1) year prior to the Expected Initial Delivery Date. If Buyer agrees to the requested earlier date, the Parties shall execute a written amendment to this Agreement memorializing the agreement that each reference to the Expected Initial Delivery Date in this Agreement shall thereafter be deemed a reference to such earlier date. [REDACTED]

[REDACTED]

(c) **Failure to Meet Expected Initial Delivery Date.**

(i) For each day beginning with the day after the Expected Initial Delivery Date until and including the date on which the Initial Delivery Date occurs, for a period

beyond the Expected Initial Delivery Date lasting no more than one hundred eighty (180) days (“**IDD Cure Period**”), Seller shall pay IDD Delay Damages to Buyer. Buyer shall invoice Seller for the amount of any IDD Delay Damages. If Seller fails to pay IDD Delay Damages within ten (10) days of receipt of Buyer’s invoice therefore, Buyer may draw any IDD Delay Damages that are due to Buyer from the Development Security.

(ii) Prior to the expiration of the IDD Cure Period, so long as Seller has paid IDD Delay Damages to Buyer in accordance with this Section 4.1(c) or made available to Buyer the Development Security in an amount sufficient to cover the IDD Delay Damages, Seller’s failure to achieve the Initial Delivery Date on the Expected Initial Delivery Date shall not be deemed a Seller’s Event of Default. Upon the earlier of (x) Seller’s failure to pay IDD Delay Damages in accordance with this Section 4.1(c) or to make available to Buyer the Development Security in an amount sufficient to cover the IDD Delay Damages and (y) the expiration of the IDD Cure Period, Seller’s failure to achieve the Initial Delivery Date on the Expected Initial Delivery Date for any reason other than a Force Majeure extension or Buyer Event of Default shall be a Seller’s Event of Default under Section 7.1(a)(vi).

(iii) Each Party agrees that (A) the damages that Buyer would incur due to Seller’s delay in achieving the Expected Initial Delivery Date would be difficult or impossible to predict with certainty and (B) the IDD Delay Damages are an appropriate approximation of such damages.

(iv) Seller shall provide Buyer with Notice of any anticipated delay in the Initial Delivery Date, including a true and reasonably detailed explanation of the cause of such delay, as soon as reasonably possible following such anticipation arising.

4.2 **Conditions Precedent to the Initial Delivery Date.** Seller shall take all actions and obtain all approvals necessary to meet the obligations of this Agreement and to deliver the Product to Buyer pursuant to the terms of this Agreement. The following obligations of Seller are conditions precedent to the Initial Delivery Date (collectively the “**Conditions Precedent**”) and must be satisfied at least seventy-five (75) days before the Initial Delivery Date, unless a different deadline is set forth below, in which case such other deadline shall govern, to Buyer’s reasonable satisfaction:

(a) Seller shall have provided to Buyer updated correct and complete copies of the items identified in Section 2.1(a)(ii).

(b) Seller shall have secured all CAISO and Governmental Approvals as are necessary for the safe and lawful operation and maintenance of the Project.

(c) Seller has secured and maintained Site Control.

(d) [Reserved.]

(e) On or before the Commercial Operation Deadline, Seller shall have caused the Project to become Commercially Operable.

(f) Seller or the EPC Contractor shall have constructed or caused to be constructed the Project as of the Initial Delivery Date in accordance with this Agreement to enable Seller to satisfy the obligations of the Seller herein, including the provision of the Product from the Project.

(g) Seller shall have provided to Buyer a certification of Seller and a Licensed Professional Engineer, substantially in the form attached hereto as Appendix IV, demonstrating (i) that the Commercial Operation Date has occurred and (ii) satisfactory completion of the Project at the Site.

(h) Seller shall have provided to Buyer documentation reasonably acceptable to Buyer demonstrating that the Project successfully completed all applicable testing and registration procedures required by CAISO to Bid into the CAISO Markets.

(i) Seller shall have executed and complied with any necessary Interconnection Agreement(s) and installed any necessary metering to deliver Product to Buyer, in each case in accordance with the CAISO Tariff and any applicable tariffs of the Utility Distribution Company and the Participating Transmission Owner.

(j) On or before the Commercial Operation Deadline, Seller shall have provided Delivery Term Security to Buyer as required by Section 10.2.

(k) As of the Initial Delivery Date, no Event of Default on the part of Seller shall have occurred and be continuing and no Remediation Event shall have occurred and remain unresolved.

(l) Seller shall have submitted to Buyer a Project Safety Plan.

(m) [Reserved.]

(n) On or before the date by which Seller must have obtained any certification of Product as provided for in this Section 4.1(n) such that Seller is able to deliver by the Initial Delivery Date, and include in a timely Supply Plan for purposes of the Initial Delivery Date, Product in the Contract Amounts to Buyer for purposes of counting towards Buyer's Compliance Obligations, Seller shall have obtained certification of Product in accordance with the CAISO Tariff and CPUC requirements applicable to Product (i) resulting in certifications of not less than the Contract Amounts and (ii) so as to ensure the Project is fully deliverable such that Seller is able to deliver Product in the Contract Amounts to Buyer for purposes of counting towards Buyer's Compliance Obligations.

(o) As of the dates required under Section 5.2(b) and Section 5.2(c), as applicable, (i) Seller shall have submitted, or shall have caused its SC to have submitted, a Notice to Buyer including Seller's proposed Supply Plan for the first Showing Month in accordance with Section 5.2(b) and (ii) Seller shall have submitted, or shall have caused its SC to have submitted, a Supply Plan to CAISO in accordance with Section 5.2(c).

(p) Seller shall have provided to Buyer an attestation, in the form attached hereto as Appendix VII, that Seller is following all of the rules set forth in CPUC Decision 18-

01-003 on Multiple-Use Application Issues, issued January 17, 2018, regarding the multiple-use applications of energy storage facilities (the “**MUA Decision**”).

(q) Seller shall have delivered to Buyer all insurance documents required under Article 16.

(r) As of the Initial Delivery Date, Seller shall have paid Buyer for all amounts owing under this Agreement, if any, including Delay Damages.

4.3 **Cooperation in Connection with Initial Delivery Date.** The Parties agree that, in order for Seller to achieve the Initial Delivery Date, the Parties may have to perform certain of their Delivery Term obligations in advance of the Initial Delivery Date. The Parties shall cooperate with each other in order for Buyer to be able to utilize the Product beginning on the Initial Delivery Date and Seller agrees to cause the Project’s SC to cooperate in order to achieve the same.

4.4 **Confirmation of Initial Delivery Date.** Once each of the Conditions Precedent has been satisfied by Seller (other than any Condition Precedent that may only be satisfied as of the Initial Delivery Date), Seller shall certify such satisfaction to Buyer in a Notice confirming the anticipated occurrence of the Initial Delivery Date. Buyer shall Notify Seller of any disagreement that Seller has satisfied such Conditions Precedent (with reasonable detail in regard to each Condition Precedent) within fifteen (15) days of Seller’s Notice. On or promptly following the Initial Delivery Date (in no event later than five (5) Business Days thereafter), Buyer shall provide a Notice to Seller confirming the occurrence of the Initial Delivery Date.

ARTICLE 5: TRANSACTION

5.1 **Product.**

(a) During the Term, Seller grants, pledges, assigns and otherwise commits and shall deliver to Buyer, for Buyer’s exclusive use, all Capacity Attributes that may be calculated or derived from the Operational Characteristics, which must be exclusively from the Project (collectively, the “**Product**”), pursuant to the terms and conditions contained herein. Operational Characteristics shall not be modified during the Term.

(b) Buyer shall have the right to re-sell all or a portion of the Product purchased under this Agreement (“**Resold Product**”).

(c) Product does not confer to Buyer any right to dispatch or receive Energy or Ancillary Services from the Project.

5.2 **Purchase and Sale Obligation.**

(a) For each day of each Showing Month during the Delivery Term, Seller agrees to deliver all Capacity Attributes of Product to Buyer, including in the amounts and categories set forth on the Cover Sheet (“**Contract Amounts**”).

(b) No later than fifteen (15) days prior to the applicable Compliance Showing deadlines for each Showing Month, Seller shall submit, or cause its SC to submit, a Notice to Buyer which includes Seller’s proposed Supply Plan for such Showing Month in a format and to a platform as Notified by Buyer to Seller prior to such deadline. No later than ten (10) days before the applicable Compliance Showing deadlines for each Showing Month, Buyer may Notify Seller of any administrative or typographical corrections to the Supply Plan and Seller shall implement any such corrections in the Supply Plan that it submits, or causes to be submitted, to the CAISO. In the event that Buyer does not Notify Seller of any such corrections to the proposed Supply Plan, Seller shall submit the Supply Plan to CAISO as it was proposed by Notice to Buyer.

(c) After following the procedure in Section 5.2(b), Seller shall submit, or cause to be submitted, a Supply Plan to CAISO, in accordance with the applicable Compliance Showing deadlines for each Showing Month, to identify and confirm the Product to be delivered to Buyer (or, with regard to Resold Product, Buyer’s designee) for each day within the applicable Showing Month. For each of the Capacity Attributes of Product that Seller submits in its Supply Plan in the applicable Showing Month, Seller shall not submit an amount greater than the Contract Amount of each of the respective Capacity Attributes. The lowest daily quantity that Seller submits for each of the Capacity Attributes in a Supply Plan shall be deemed to be the amount of the respective Capacity Attributes that Seller has delivered for such Showing Month (“**Delivered Quantities**”).

(d) For all Capacity Attributes of the Product that Seller delivers during the Delivery Term in accordance with this Agreement, Buyer shall, in accordance with Article 9, pay Seller a monthly payment (“**Monthly Payment**” or “**MP**”) as follows:

$$MP = (DQ / CA) \times PQ \times CP$$

where,

DQ = The sum of the Delivered Quantities of all RA Attributes, Local RA Attributes, and Flexible Attributes;

CA = The sum of the Contract Amounts of all RA Attributes, Local RA Attributes, and Flexible Attributes;

PQ = The payment quantity set forth on the Cover Sheet (“**Payment Quantity**”); and

CP = The contract price set forth on the Cover Sheet (“**Contract Price**”).

5.3 **Allocation of CAISO Payments and Costs.**

(a) Except as may otherwise be provided in this Agreement, Seller shall retain all rights to charge and discharge the Project, and to sell Energy and other products from the Project (other than the Product), in its sole discretion, in each case so long as no such operation or sale interferes with Seller’s obligations under this Agreement, and shall retain any revenues it

may receive from and pay all costs charged by, the CAISO or any other third party with respect to the Product or Project.

(b) To the extent that the Project is subject to the terms of the Availability Standards, Non-Availability Charges, and Availability Incentive Payments of the CAISO Tariff, the Parties agree that any Availability Incentive Payments are for the benefit of Seller and for Seller's account and that any Non-Availability Charges are the responsibility of Seller and for Seller's account.

ARTICLE 6: OPERATIONS

6.1 **Operations.** Seller shall at all times retain operational control of the Project and be responsible for operation and maintenance of the Project.

6.2 **Charging Energy.** Seller shall be responsible for procuring and delivering all of the Charging Energy to the Project and paying all of the associated costs of such Charging Energy.

6.3 **Standard of Care.** In performing all of its obligations under this Agreement, including in its scheduling, interconnection, operation and maintenance of the Project, Seller shall comply with all Requirements and Safety Requirements.

6.4 **Buyer's Compliance Obligations; Certification of Product.**

(a) During the Term, Seller shall, subject to Section 6.7, take all actions, including executing all documents or instruments, complying with all applicable registration, certification and reporting requirements of all applicable Governmental Authorities and other Persons, as such requirements may be amended from time to time, that are reasonable and necessary to ensure that Buyer can use Product, including enabling Buyer to apply Product towards Buyer's Compliance Obligations, or sell Resold Product, at all times during the Delivery Term. Subject to Section 6.7, Seller agrees to take all actions and execute or provide any documents, information, or instruments with respect to Product that are reasonable and necessary to enable Buyer to comply with the requirements of any Governmental Authority.

(b) Subject to Section 6.7, during the Delivery Term, Seller shall, at no cost to Buyer, obtain and maintain CAISO and all applicable Governmental Authority certification(s) for all elements of the Product for which certification is or may become required in order to enable Buyer to receive and use such Product, including use of such Product to satisfy its Compliance Obligations. Subject to Section 6.7, if Buyer is required under applicable Law to obtain such certification, Seller shall take all actions within its control to ensure that Buyer is able to secure such certification. Subject to Section 6.7, Seller, at no cost to Buyer, shall take all other actions during the Delivery Term, including submission of all reports and other filings with CAISO and applicable Governmental Authorities, that are required to be taken by Seller to ensure that Buyer can receive the Product and shall take all actions within its control to assist Buyer in taking actions required to be taken by Buyer with regard to receipt of Product.

6.5 **Scheduling.**

(a) Seller shall be the SC or shall designate a qualified third party to fulfill such role for the Project in order to deliver Product to Buyer during the Delivery Term in accordance with the terms of this Agreement. Seller shall be solely responsible for all costs associated with the SC. Subject to Section 6.7, Seller shall take, or cause its SC to take, all necessary steps to qualify itself and the Project in such other manner identified and approved by the CAISO and CPUC that permits Seller to provide Product to Buyer.

(b) Subject to Section 6.7, Seller shall comply, and shall cause SC to comply, with all applicable CAISO Tariff provisions, CPUC Decisions and all other applicable rules, requirements or Laws, including any Bidding of the Project to meet any Must Offer Obligations, in order to deliver the Product to Buyer and allow Buyer to use the Product to satisfy Buyer's Compliance Obligations.

(c) Buyer shall have no liability for the failure of Seller or SC to comply with any applicable Law, Requirements, or other requirement of the Transmission Provider or Utility Distribution Company, including any penalties, charges or fines imposed for such noncompliance.

(d) Seller shall not accept, and shall cause the Project's SC to not accept, any proposed CPM or RMR designation by the CAISO unless and until Buyer has agreed to accept such designation in a Notice, except as may be required by Law. In addition, Seller shall promptly Notify, or cause the Project's SC to promptly Notify, Buyer within five (5) Business Days of the time Seller or the SC receives a proposal from CAISO to designate any portion of the Product as CPM Capacity or RMR Generation. During the Delivery Term, Buyer has exclusive right to enter into a RMR Contract with respect to the Product or any component

[REDACTED]

■ [REDACTED]

6.7 Changes in Law.

■ [REDACTED]

[REDACTED]

[REDACTED]

(b) In the event a centralized capacity market develops within the WECC region: [REDACTED]

(c) Subject to Section 6.7(a), if a change in CAISO or CPUC Requirements renders this Agreement or any provisions hereof incapable of being performed or administered, then either 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 Execution 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 either Party may submit issues pertaining to changes to this Agreement to the dispute resolution process set forth in Section 19.2(b). 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, or constitute, or form the basis of, a Force Majeure, 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.

ARTICLE 7: EVENTS OF DEFAULT; REMEDIES

7.1 Events of Default.

(a) Seller will be deemed a Defaulting Party upon the occurrence of any of the following (each a “**Seller’s Event of Default**”):

(i) Seller fails to satisfy a Performance Assurance requirement set forth in Article 10 and Seller fails to provide replacement Performance Assurance within ten (10) Business Days of Buyer's written demand therefor in accordance with Article 10;

(ii) any material misrepresentation or omission, in any metering or submetering, Supply Plan, report, or Notice with regard to delivery of the Product, or undue delay or withholding of such data, report or Notice, which misrepresentation or undue delay or withholding is not cured within ten (10) Business Days of Buyer's receipt thereof;

(iii) Seller intentionally or knowingly delivers, or attempts to deliver Product that is not produced by the Project [REDACTED];

(iv) Seller fails to achieve Construction Start by the Construction Start Deadline for reasons other than Force Majeure or Event of Default by Buyer, subject to Section 3.1(d);

(v) Seller fails to achieve the Initial Delivery Date by the Expected Initial Delivery Date for reasons other than Force Majeure or Event of Default by Buyer, subject to Section 4.1(c)(ii); or

(vi) Any failure by Seller [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

(b) Either Party will be deemed a Defaulting Party upon the occurrence of any of the following (each a “**Party’s Event of Default**”):”

(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 under 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, 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 best efforts;

(iii) the failure by such Party to perform any material covenant or obligation set forth in this Agreement, including any failure by Seller to comply with Section 6.4 or with any Requirement and Safety Requirement in accordance with Section 6.3, in any case except to the extent constituting a separate Event of Default, 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 best efforts;

(iv) such Party becomes Bankrupt;

(v) such Party assigns this Agreement or any of its rights hereunder other than in compliance with Article 18; 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.

7.2 **Remedies; Declaration of Early Termination Date.** If an Event of Default with respect to a Defaulting Party has occurred, 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 (i) the Damage Payment, in the case of an Event of Default by Seller occurring before the Initial Delivery Date, including an Event of Default under Section 7.1(a)(v), or (ii) the Termination Payment calculated in accordance with Section 7.3 below, in the case of any other Event of Default by either Party;

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

(d) to suspend performance; or

(e) to exercise any other right or remedy available at law or in equity, including specific performance or injunctive relief, except where an express and exclusive remedy or measure of damages is provided 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.

7.3 **Termination Payment.** The Termination Payment (“**Termination Payment**”) for a Terminated Transaction shall be the aggregate of the Settlement Amount 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 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 (a) the actual damages that the Non-Defaulting Party would incur in connection with a Terminated Transaction would be difficult or impossible to predict with certainty, (b) the Damage Payment or Termination Payment described in Section 7.2 or this Section 7.3, as applicable, is a reasonable and appropriate approximation of such damages, and (c) the Damage Payment or Termination Payment described in Section 7.2 or this Section 7.3, as applicable, 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.

7.4 **Notice of Payment of Termination Payment.** As soon as practicable after a Terminated Transaction, Notice shall be given by the Non-Defaulting Party to the Defaulting Party of the amount of the Damage Payment or Termination Payment and whether the Termination Payment 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 shall be made to or from the Non-Defaulting Party, as applicable, within ten (10) Business Days after such Notice is effective.

7.5 **Disputes with Respect to Termination Payment.** If the Defaulting Party disputes the Non-Defaulting Party's calculation of the Termination Payment, in whole or in part, the Defaulting Party shall, within five (5) Business Days of receipt of the Non-Defaulting Party's calculation of the Termination Payment, provide to the Non-Defaulting Party a detailed written explanation of the basis for such dispute. Disputes regarding the Termination Payment shall be determined in accordance with Article 19.

7.6 **Rights and Remedies Are Cumulative.** Except where an express and exclusive remedy or measure of damages is provided, the rights and remedies of a Party pursuant to this Article 7 shall be cumulative and in addition to the rights of the Parties otherwise provided in this Agreement.

ARTICLE 8: FORCE MAJEURE

8.1 **Force Majeure.**

(a) **Effect of Force Majeure.** A Party shall not be considered to be in default in the performance of its obligations to the extent that the failure or delay of its performance is due to a Force Majeure event, and the non-affected Party shall be excused from its corresponding performance obligations for the period of the affected Party's failure or delay of performance. The burden of proof for establishing the existence and consequences of an event of Force Majeure lies with the Party initiating the claim.

(b) **Notice of Force Majeure.** The Party desiring to invoke the Force Majeure event as a cause for delay in its performance of, or failure to perform, any obligation hereunder, shall provide prompt Notice to the other Party in the form of a letter identifying the event of Force Majeure and describing in detail the particulars of the occurrence giving rise to the Force Majeure event including the expected duration, when known, and the effect of such Force Majeure event. Failure to provide timely Notice constitutes a waiver of a claim of Force Majeure. Promptly, but in any event within ten (10) days after a Notice is given pursuant to the preceding sentence, the Parties shall meet to discuss the basis and terms upon which the arrangements set out in this Agreement shall be continued taking into account the effects of such event of Force Majeure.

(c) **Mitigation of Force Majeure.** The suspension of a Party's performance under the Agreement due to a claim of Force Majeure shall be of no greater scope and of no longer duration than is required by the Force Majeure event. A Party suspending performance due to Force Majeure shall take, or cause to be taken, such action as may be necessary to void, or nullify, or otherwise to mitigate, in all material respects, the effects of such event of Force Majeure. The Parties shall take all reasonable steps to resume normal performance under this Agreement after the cessation of any Force Majeure event. If Seller cannot meet the Expected Initial Delivery Date as a result of a Force Majeure event declared by Seller in accordance with this Agreement, then Seller shall work diligently to resolve the effect of the Force Majeure and provide evidence of its efforts promptly upon Buyer's written request.

(d) **Force Majeure Failure.** Subject to Section 8.1(a), Buyer shall have the right, but not the obligation, to terminate this Agreement after the occurrence of the following, each constituting a "**Force Majeure Failure**":

(i) if during the Delivery Term:

(A) due to a Force Majeure event, Seller is unable to meet its material obligations under this Agreement for a period greater than one hundred eighty (180) days, unless as a result of the circumstances contemplated in Section 8.1(d)(i)(B); or

(B) the Project is destroyed or rendered inoperable by an event of Force Majeure; provided that Seller may repair or restore the Project if: (1) Seller provides to Buyer within the sixty (60) day period following the start of the Force Majeure event a certificate from a non-affiliated, licensed professional engineer attesting that the Project can be restored to original operational status within the nine (9) month period following the start of the Force Majeure event; (2) Seller provides Buyer with Notice of Seller's election to repair or restore the Project within the sixty (60) day period following the start of the Force Majeure event; and (3) Seller completes such repair or restoration to original operational status within the nine (9) month period following the start of the Force Majeure event.

(ii) if Seller is unable, due solely to a Force Majeure event, to achieve the Initial Delivery Date by [REDACTED] the Expected Initial Delivery Date.

(e) **Effect of Termination for Force Majeure Failure.** If Buyer exercises its termination right in connection with a Force Majeure Failure under Section 8.1(d), then Buyer shall return any Performance Assurance then held and the Agreement shall terminate without further liability of either Party to the other, effective upon the date set forth in Buyer's Notice of termination, subject to each Party's satisfaction of all of the final payment and survival obligations set forth in Section 21.3.

ARTICLE 9: INVOICING AND PAYMENT

9.1 **Invoicing.** Seller shall make good faith efforts to deliver an invoice, in arrears, to Buyer no sooner than ten (10) Business Days after the end of each month of the Delivery Term for all amounts due from Buyer to Seller under this Agreement, including, as applicable: (a) the Monthly Payment, and (b) other compensatory adjustments required by this Agreement, including adjustments for Taxes. Each invoice shall (i) contain data sufficient to document and

verify all amounts included therein, including any relevant records, invoices, or settlement data from CAISO, necessary to verify the accuracy of any amount and (ii) be in a format specified by Buyer.

9.2 **Payment.** Buyer shall make payment to Seller by wire transfer or ACH payment to the bank account provided on each monthly invoice. Buyer shall pay undisputed invoice amounts within forty-five (45) days after receipt of the invoice. 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 three-month LIBOR, 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.

9.3 **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 9.4 or an adjustment to an amount previously invoiced or paid is required due to a correction of data by CAISO. 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 9.2, accruing from the date on which the adjusted amount should have been due.

9.4 **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 of 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 9.3. Any dispute with respect to an invoice is waived if the other Party is not notified in accordance with this Section 9.4 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 (12) month period, as to which a dispute is waived if the other Party is not notified within twelve (12) months after the revised invoice is rendered by the applicable third party. 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.

9.5 **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, interest, and payments or credits, shall be netted so that only the excess amount remaining due shall be paid by the Party who owes it.

ARTICLE 10: PERFORMANCE ASSURANCE

10.1 **Seller's Development Security.** To secure its obligations under this Agreement, Seller shall deliver Development Security to Buyer within five (5) Business Days of the Effective Date. Seller shall maintain the Development Security in full force and effect [REDACTED]

[REDACTED]. Upon the earlier of (a) Seller's delivery of the Delivery Term Security, or (b) 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. If the Development Security is a Letter of Credit and the issuer of such Letter of Credit (i) fails to maintain the minimum Credit Rating specified in the definition of Letter of Credit, (ii) indicates its intent not to renew such Letter of Credit and such Letter of Credit expires prior to the Commercial Operation Deadline, or (iii) fails to honor Buyer's properly documented request to draw on such Letter of Credit by such issuer, Seller shall have ten (10) Business Days to either post cash or deliver a substitute Letter of Credit that meets the requirements set forth in the definition of Development Security.

10.2 **Seller's Delivery Term Security.** To secure its obligations under this Agreement, Seller shall deliver Delivery Term Security to Buyer on or before the Commercial Operation Deadline. Seller shall maintain the Delivery Term Security in full force and effect, and shall within five (5) Business Days after any draw thereon replenish the Delivery Term Security [REDACTED]

[REDACTED] in the event Buyer collects or draws down any portion of the Delivery Term 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 then 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 Delivery Term Security. If the Delivery Term Security is a Letter of Credit and the issuer of such Letter of Credit (i) fails to maintain the minimum Credit Rating set forth in the definition of Letter of Credit, (ii) indicates its intent not to renew such Letter of Credit and such Letter of Credit expires prior to the end of the Delivery Term, or (iii) fails to honor Buyer's properly documented request to draw on such Letter of Credit by such issuer, Seller shall have ten (10) Business Days to deliver substitute Delivery Term Security that meets the requirements set forth in the definition of Delivery Term Security. If the Delivery Term Security is a Guaranty and the Guarantor (i) fails to maintain the minimum requirements described in clause (b) of the definition of "Guarantor," (ii) becomes Bankrupt, or (iii) fails to honor Buyer's properly demanded payment in accordance with the terms of the Guaranty, Seller shall have ten (10)

Business Days to deliver substitute Delivery Term Security that meets the requirements set forth in the definition of Delivery Term Security.

10.3 **First Priority Security Interest in Cash or Cash Equivalent Collateral.**

(a) 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, Delivery Term Security, any other cash collateral and cash equivalent collateral posted pursuant to Sections 10.1 and 10.2 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 a Seller’s Event of Default or a Party’s Event of Default on the part of Seller, an Early Termination Date resulting from a Seller’s Event of Default or a Party’s Event of Default on the part of Seller, or an occasion provided for in this Agreement where Buyer is authorized to retain all or a portion of the Development Security or Delivery Term Security, Buyer may do any one or more of the following (in each case subject to the final sentence of this Section 10.3):

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

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

(iii) Liquidate all Development Security or Delivery Term 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.

(b) 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.

10.4 **Seller Financial Information.** If requested by Buyer, Seller shall deliver to Buyer within one hundred twenty (120) days following the end of each fiscal year, a copy of the annual report of Vistra Operations Company LLC, or, if the consolidated financial statements are prepared on a consolidated basis with the financial statements of Vistra Energy Corp., the consolidated financial statements of Vistra Energy Corp., containing audited, certified financial statements for the most recent ended fiscal year. In all cases the statements shall be for the most recent accounting period and shall be prepared in accordance with Generally Accepted Accounting Principles.

ARTICLE 11: SAFETY

11.1 **Safety.**

(a) Seller shall, and shall cause its Affiliates and Contractors to (or if a Contractor is a subcontractor of the EPC Contractor, shall cause the EPC Contractor to cause such Contractor to), design, construct, operate, and maintain the Project and conduct all Work or cause all Work to be conducted in accordance with the Safety Requirements. Seller shall, and shall cause its Affiliates and Contractors to (or if a Contractor is a subcontractor of the EPC Contractor, shall cause the EPC Contractor to cause such Contractor to), take all actions to comply with the Safety Requirements.

(b) Prior to Seller's execution of any contract with a Contractor, Seller shall demonstrate to Buyer that the Contractor has the qualifications, experience, and safety record to develop, construct, operate and maintain the Project, as applicable. Seller shall cause the EPC Contractor to ensure that each Contractor with which the EPC Contractor subcontracts has the qualifications, experience, and safety record to develop, construct, operate and maintain the Project, as applicable. During the period that a Contractor is conducting Work, Seller shall cause the Contractor to (or if such Contractor is a subcontractor of the EPC Contractor, shall cause the EPC Contractor to cause such Contractor to) meet and comply with the Safety Requirements.

(c) Seller shall document a Project Safety Plan and incorporate the Project Safety Plan's features into the design, development, construction, operation, and maintenance of the Project. Seller shall submit for Buyer's review a Project Safety Plan, in a format acceptable to Buyer, which must demonstrate (A) Seller's plans to comply with the Safety Requirements and (B) Seller's consideration of the Project Safety Plan items in Part Two (Project Design and Description) of Appendix VI. Upon Notice to Buyer, Seller may deviate from any specific procedures identified in the Project Safety Plan while designing, developing, constructing, operating, or maintaining the Project, if in Seller's judgment, the deviation is necessary to design, develop, construct, operate, or maintain the Project safely or in accordance with the Safety Requirements.

(d) Throughout the Delivery Term, Seller shall update the Safeguards and the Project Safety Plan as required by Safety Requirements or as necessitated by a Safety Remediation Plan. Seller shall provide such updated Project Safety Plan to Buyer within thirty (30) days of any such updates. Throughout the Delivery Term, Buyer shall have the right to request Seller to provide its Project Safety Plan, or portions thereof, and demonstrate its compliance with the Safety Requirements within thirty (30) days of Buyer's Notice.

(e) Seller shall remove (or cause the EPC Contractor to remove) any Contractor that engages in repeated, material violations of the Project Safety Plan or Safety Requirements, unless doing so would present an ongoing material adverse effect to the operation of the Project.

11.2 **Reporting Serious Incidents.** Seller shall provide Notice of a Serious Incident to Buyer within five (5) Business Days of occurrence. The Notice of Serious Incident must include the time, date, and location of the incident, the Contractor involved in the incident (as applicable), the circumstances surrounding the incident, the immediate response and recovery actions taken, and a description of any impacts of the Serious Incident. Seller shall cooperate

and provide reasonable assistance, and cause each of its Contractors (or if a Contractor is a subcontractor of the EPC Contractor, cause the EPC Contractor to cause such Contractor) to cooperate and provide reasonable assistance, to Buyer with any investigations and inquiries by Governmental Authorities that arise as a result of the Serious Incident.

11.3 **Remediation.**

(a) Seller shall resolve any Remediation Event within the Remediation Period. Within ten (10) days of the date of the first occurrence of any Remediation Event, Seller shall provide a Safety Remediation Plan to Buyer for Buyer's review.

(b) Seller shall cooperate, and cause each of its Contractors (or if a Contractor is a subcontractor of the EPC Contractor, cause the EPC Contractor to cause such Contractor) to cooperate, with Buyer in order for Seller to provide any report relating to a Remediation Event, in a form and level of detail that is reasonably acceptable to Buyer which incorporates information, analysis, investigations or documentation, as applicable or as reasonably requested by Buyer.

ARTICLE 12: TAXES

12.1 **Taxes.** Seller shall pay or cause to be paid all Taxes (a) on or with respect to the Project and (b) 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 any. 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.

12.2 **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, however*, that 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.

ARTICLE 13: LIMITATIONS

13.1 **No Consequential Damages.** EXCEPT TO THE EXTENT PART OF AN EXPRESS REMEDY OR MEASURE OF DAMAGES HEREIN, OR PART OF AN ARTICLE 15 INDEMNITY CLAIM, OR INCLUDED IN A LIQUIDATED DAMAGES CALCULATION, OR ARISING FROM FRAUD OR INTENTIONAL

MISREPRESENTATION, 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.

13.2 **Waiver and Exclusion of Other Damages.**

(a) 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.

(b) 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.

(c) TO THE EXTENT ANY DAMAGES REQUIRED TO BE PAID HEREUNDER ARE LIQUIDATED, INCLUDING UNDER SECTIONS 3.1(d), 4.1(c), [REDACTED], 7.2 AND 7.3, 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.

(d) 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 14: REPRESENTATIONS; WARRANTIES; COVENANTS

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

(a) Seller is a limited liability company, duly organized, validly existing and in good standing under the laws of the State of Delaware, and is qualified to conduct business in the State of California and 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 corporate 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. The execution, delivery and performance of this Agreement by Seller has been duly authorized by all necessary action on the part of Seller (evidence of such due authorization Seller shall provide to Buyer if requested) 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 Project is located in the State of California.

(f) Seller will be responsible for obtaining all permits necessary to construct and operate the Project and Seller will be the applicant on any California Environmental Quality Act documents.

(g) Seller is familiar with conflict of interest Laws, including the California Political Reform Act, and Buyer's board policies governing conflicts of interest; Seller is in compliance with such Laws and board policies and does not know of any facts that would violate such Laws and board policies; Seller and its officers and agents have not, directly or indirectly, offered, paid, promised, or authorized the giving of money or anything of value to any employee, director, officer of Buyer or governmental official in Alameda County, California for the purpose of influencing any act or decision of such employee, director, officer or government official in her official capacity; no officer or agent of Seller (i) is a government official in Alameda County, California or a family member of a government official in Alameda County, California or (ii) has a personal, business, or other relationship or association with any government official in

Alameda County, California or family member thereof who may have responsibility for or oversight of any activities of Buyer; Seller does not employ any government official in Alameda County, California or family member thereof.

14.2 **Buyer's Representations and Warranties.** As of the Execution 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, 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 (i) suit, (ii) jurisdiction of court (provided that such court is located within a venue permitted in law and under the Agreement), (iii) relief by way of injunction, order for specific performance or recovery of property, (iv) attachment of assets, or (v) execution or enforcement of any judgment; provided, however that nothing in this Agreement shall waive the obligations or rights set forth in the California Tort Claims Act (Government Code Section 810 et seq.).

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

14.3 **General Covenants.** Each Party covenants that commencing on the Effective Date and continuing throughout the Term 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 the State of California and each jurisdiction where the failure to so qualify would have a material adverse effect on its business or financial condition.

14.4 **Covenants of Seller.** Seller covenants to and for the benefit of Buyer that throughout the Delivery Term (unless another time period is specified):

(a) Seller will (i) acquire and maintain all Governmental Approvals necessary for the construction, operation, and maintenance of the Project consistent with Safety Requirements, including any approvals required from the City of Oakland under the California Environmental Quality Act, (ii) Notify Buyer of any material modifications or lapse in renewal of Governmental Approvals, and (iii) at Buyer’s request, provide to Buyer digital copies of any Governmental Approvals.

(b) Seller will use reasonable efforts to ensure that all employees hired by Seller and Contractors that will perform construction work or provide services at the Site related to construction of the Project are paid wages at rates not less than those prevailing for workers performing similar work in the locality as provided by applicable California Law, if any. Nothing herein shall require Seller or Contractors to comply with, or assume liability created by other inapplicable provisions of any California labor Laws. Buyer agrees that Seller’s obligations under this Section 14.4(b) will be satisfied upon the execution of a project labor agreement related to construction of the Project.

(c) Seller shall perform the obligations related to workforce development and community investment set forth in Appendix XX.

(d) Seller will deliver the Product to Buyer free and clear of all liens, security interests, claims and encumbrances or any interest therein or thereto by any Person.

(e) Seller will take no action, will not permit its agents to take any action, and will use commercially reasonable efforts to prevent any other Person (other than Buyer) from taking any action that would impair in any way Buyer’s ability to rely on the Project in order to satisfy its Compliance Obligations.

(f) Seller shall operate the Project during the Delivery Term in accordance with Appendices I and II and Safety Requirements.

(g) Seller shall comply with all Utility Distribution Company, Participating Transmission Owner, and CAISO Tariff requirements applicable to energy storage facilities.

(h) Seller shall follow all the rules set forth in Appendix A of the MUA Decision.

ARTICLE 15: INDEMNITIES

15.1 Indemnities.

(a) Seller shall defend, indemnify and hold harmless Buyer, its directors, officers, agents, attorneys, employees, and representatives (“**Buyer Group**”) from and against all third party claims, demands, losses, liabilities, penalties, and expenses, including reasonable attorneys’ and expert witness fees, however described (collectively, “**Claims**”), which arise out of or relate to or are in any way connected with: (i) Seller’s delivery of the Product to Buyer; (ii) Seller’s or its Affiliates’ ownership, development, construction, operation or maintenance of the Project, including the Site(s); (iii) Seller’s or its Affiliates’ breach of this Agreement or other agreements related to the development, construction, ownership, operation or maintenance of the Project or Site (including any Claims relating to a Shortfall); (iv) any agreement between Seller or its Affiliates and a third party; or (v) Seller’s or its Affiliates’ violation of any applicable Law, Requirements, or other requirements of Transmission Provider, Utility Distribution Company, NERC, WECC or Reliability Organization; in each case including any loss, claim, action or suit, for or on account of injury to, bodily or otherwise, or death of, persons, or for damage to or destruction or economic loss of property belonging to Buyer, Seller, Seller’s Affiliates, or others, excepting only such losses, to the extent solely caused by the willful misconduct or negligence of a member of the Buyer Group (collectively, “**Buyer Indemnifiable Losses**”).

(b) Seller shall defend, indemnify and hold harmless the Buyer Group harmless from and against all Claims incurred by or brought against Buyer in connection with Environmental Costs (collectively, “**Environmental Indemnifiable Losses**”).

█ [REDACTED]

[REDACTED]

█ [REDACTED]

[Redacted text block]

[Redacted text block]

[Redacted text block]

[Redacted text block]

[Redacted text block]

15.5 **Rights and Remedies are Cumulative.** The rights and remedies of a Party pursuant to this Article 15 are cumulative and in addition to the rights of the Parties otherwise provided in this Agreement, except with respect to any expressly exclusive remedies herein.

ARTICLE 16: INSURANCE

16.1 **Insurance.** Throughout the Term, Seller shall procure and maintain the following insurance coverage and require and cause Contractors (or if a Contractor is a subcontractor of the EPC Contractor, cause the EPC Contractor to cause such Contractor) to maintain insurance types and limits appropriate for the work performed under this Agreement. For the avoidance of doubt, the obligations of the Seller in this Section 16.1 constitute a material obligation of this Agreement.

(a) **Workers' Compensation and Employers' Liability.**

(i) If it has employees, workers' compensation insurance indicating compliance with any applicable labor codes, acts, Laws or statutes, California state or federal, where Seller performs Work.

(ii) Employers' liability insurance will 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.

(b) **Commercial General Liability.**

(i) Commercial General Liability insurance, including products and completed operations and personal injury insurance, in a minimum amount of two million dollars (\$2,000,000) per occurrence, and an annual aggregate of not less than five million dollars (\$5,000,000), endorsed to provide contractual liability in said amount, specifically covering Seller's obligations under this Agreement including defense costs and including Buyer as an additional named insured.

(ii) An Excess/Umbrella insurance policy in a minimum limit of liability of ten million dollars (\$10,000,000).

(iii) Such insurance can be satisfied with a combination of Commercial General Liability and Excess-Umbrella Insurance and shall contain standard cross-liability and severability of interest provisions.

(c) **Business Auto.**

(i) Business auto insurance for bodily injury and property damage with limits of one million dollars (\$1,000,000) per occurrence.

(ii) 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."

(d) **Construction All-Risk Insurance.** During the construction of the Project prior to the Commercial Operation Date, construction all-risk form property insurance covering the Project during such construction periods, and naming Seller (and Lender if any) as the loss payee.

(e) **Contractor's Pollution Liability.**

(i) If the scope of Work involves areas of known pollutants or contaminants, pollution liability coverage will be required to cover bodily injury, property damage, including clean-up costs and defense costs resulting from sudden, and accidental conditions, including the discharge, dispersal, release or escape of smoke, vapors, soot, fumes, acids, alkalis, toxic chemicals, hydrocarbons, liquids or gases, waste materials or other irritants, contaminants or pollutants into or upon land, the atmosphere or any water course or body of water shall be maintained.

(ii) The limit will be at least two million dollars (\$2,000,000.00) each occurrence for bodily injury and property damage.

(iii) The policy will endorse Buyer as additional insured.

16.2 **Evidence of Insurance.** Within ten (10) days after the Effective Date and upon annual renewal thereafter, Seller shall deliver to Buyer certificates of insurance evidencing the coverage required under this Agreement. These certificates shall specify that Buyer shall be given at least thirty (30) days prior Notice by Seller in the event of any material modification, reduction, cancellation or termination of coverage. Such insurance shall be primary coverage without right of contribution from any insurance of Buyer.

16.3 **Failure to Comply.** If Seller fails to comply with any of the provisions of this Article 16, Buyer may, but is not obligated, to purchase the insurance coverage required under Section 16.1 and set off the cost thereof from any amounts owed by Buyer to Seller under this Agreement.

ARTICLE 17: RECORDS AND AUDIT RIGHTS

17.1 **Operations Logs.** Seller shall maintain a complete and accurate log of all material operations [REDACTED]

[REDACTED] At the request of Buyer, the CPUC, or the staff of the CPUC, Seller shall provide all records demonstrating that the Project is operated and maintained in accordance with Requirements.

17.2 **Records and Audit.**

(a) Seller shall provide access to such financial records and personnel required by Buyer in order for Buyer to comply with applicable Law and Generally Accepted Accounting Principles. Buyer shall consider such information Confidential Information.

(b) 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 five (5) years or as otherwise required by Law. Seller will make all records available to Buyer at its principal place of business during normal working hours.

17.3 **General Audit Right.** Buyer has the right during normal working hours, and after reasonable Notice, to examine Seller's records to the extent reasonably necessary to verify (a) Seller's compliance with this Agreement (including Section 14.4), (b) the accuracy of any statement including the Project Safety Plan or other documents that supplement this Agreement, and (c) any charge, or computation made pursuant to this Agreement. If such examination reveals any material inaccuracy, necessary adjustments shall be made promptly.

17.4 **State Auditor.** In accordance with Government Code Section 8546.7, Seller may be subject to audit by the California State Auditor with regard to Seller's performance of this Agreement if the compensation under this Agreement exceeds ten thousand dollars (\$10,000.00).

17.5 **Data Request Cooperation.** Each Party shall use reasonable efforts to assist the other Party in gathering information for and preparing responses to data requests and other inquiries from Governmental Authorities or Public Records Act requests that are related to or associated with the Project, delivery of Product or this Agreement, subject to the requirements of Article 20.

17.6 **Access Rights.** Buyer, its authorized agents, employees and inspectors, have, while observing and abiding by safety and security procedures of Seller, the right of ingress to and egress from the Project, including the Site(s) with reasonable advance Notice and for any purposes connected with this Agreement. To the extent reasonably possible, Buyer will limit its requests to access the Project or the Site to normal business hours and coordinate its emergency activities with the safety and security departments, if any, of the Project operator. Seller shall keep Buyer advised of current procedures for contacting the Project operator's safety and security departments.

ARTICLE 18: ASSIGNMENT

18.1 **General Prohibition on Assignments.** Except as provided below, neither Party may 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. Any Change of Control of Seller or direct or indirect change of control of Buyer (whether voluntary or by operation of law) will be deemed an assignment and will require the prior written consent of the other Party, which consent shall not be unreasonably withheld.

18.2 **Collateral Assignment.**

(a) Subject to the provisions of this Section 18.2, Seller has the right to assign this Agreement as collateral for any financing or refinancing of the Project.

(b) In connection with any collateral assignment of this Agreement for purposes of the financing or refinancing of the Project by Seller, Buyer agrees to 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.

18.3 **Permitted Assignment by Seller.** Except as may be precluded by, or would cause Buyer to be in violation of the Political Reform Act (Cal. Gov. Code section 81000 et seq.) or the regulations thereto, Cal. Government Code section 1090, Buyer’s Conflict of Interest Code/Policy or any other conflict of interest Law, Seller may, without the prior written consent of Buyer, transfer or assign this Agreement to an Affiliate of Seller.

18.4 **Unauthorized Assignment; Written Agreement; Costs.**

(a) Any assignment or purported assignment in violation of this Article 18 is void.

(b) No assignment of this Agreement shall be effective unless such assignment is memorialized in a written agreement signed by the assignee and, except in connection with a collateral financing, in which agreement the assignee assumes all of the assignor’s obligations and liabilities under this Agreement.

(c) 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, including without limitation reasonable attorneys’ fees.

ARTICLE 19: DISPUTE RESOLUTION

19.1 **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. 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 Agreement shall be brought in the federal courts of the United States Northern District of California, or the courts of the State of California sitting in the County of Alameda, California.

19.2 **Dispute Resolution.**

(a) In the event of any dispute arising under this Agreement [REDACTED], 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, the parties shall submit the dispute to mediation prior to seeking any and all remedies available to it at Law in or equity. The Parties will cooperate in selecting a qualified neutral mediator selected from a panel of neutrals and in scheduling the time and place of the mediation as soon as reasonably possible, but in no event later than thirty (30) days after the request for mediation is made. The Parties agree to participate in the mediation in good faith and to share the costs of the mediation, including the mediator’s fee, equally, but such shared costs shall not include each Party’s own

attorneys' fees and costs, which shall be borne solely by such Party. If the mediation is unsuccessful, then 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. To the fullest extent permitted under applicable Law, any statute of limitations applicable to a dispute that is mediated by the Parties pursuant to this Agreement shall toll during any period in which such dispute is being mediated in accordance with this Section 19.2(a).

[REDACTED]

[REDACTED]

[REDACTED]

ARTICLE 20: CONFIDENTIAL INFORMATION

20.1 **Confidential Information**. Throughout the Term, neither Party shall disclose (a) the non-public terms or conditions of this Agreement or (b) information disclosed to such Party by the other Party that is (i) marked or expressly identified as “confidential” and (ii) accompanied by a statutory reference to the applicable section of the Public Records Act pursuant to which such information may be kept confidential (collectively, “**Confidential Information**”) to a third party.

20.2 **Permitted Disclosures**. A Party may disclose Confidential Information: (a) to the Party’s Affiliates and the Party’s and its Affiliate’s employees, counsel, accountants, advisors, lenders, equity investors, potential lenders or potential equity investors who have a need to know such information and have agreed to keep such terms confidential; (b) in order to comply with any applicable Law or any exchange, regulation, Balancing Authority, control area or Transmission Provider rule, or order issued by a court or entity with competent jurisdiction

over the disclosing Party (“**Disclosing Party**”), other than to those entities set forth in subsection (c); or (c) in order to comply with any applicable regulation, rule, or order of the CPUC, CEC, or FERC.

(a) **Procedure for Permitted Disclosures.** In connection with requests made pursuant to Section 20.2(b) (“**Disclosure Order**”) and disclosures pursuant to Section 20.2(c) (“**Regulatory Disclosure**”) each Party shall, to the extent practicable, use reasonable efforts to: (A) Notify the other Party prior to disclosing the Confidential Information and (B) prevent or limit such disclosure. After using such reasonable efforts, the Disclosing Party shall not be: (I) prohibited from complying with a Disclosure Order or making the Regulatory Disclosure or (II) liable to the other Party for monetary or other damages incurred in connection with such disclosures of the Confidential Information.

(b) **Disclosure Requests.** If a Party (“**Receiving Party**”) receives a request from a third party for access to, or inspection, disclosure or copying of, any of the other Party’s (the “**Supplying Party**”) Confidential Information (“**Disclosure Request**”), then the Receiving Party shall provide Notice and a copy of the Disclosure Request to the Supplying Party within three (3) Business Days of receipt of the Disclosure Request. Within three (3) Business Days of receipt of such Notice, the Supplying Party may provide a Notice to the Receiving Party stating that the Supplying Party believes there are reasonable legal grounds for denying or objecting to the Disclosure Request and will seek a protective order or other judicial determination to protect the confidential information, in such case, the Supplying Party will cover all of its own costs and further agrees to indemnify and pay any and all costs incurred by Receiving Party as a result of the Supplying Party’s attempts to protect from disclosure the information. If the Supplying Party does not seek or does not receive a protective order or other judicial determination protecting the Confidential Information, the Receiving Party may disclose the Confidential Information, which disclosure will not be considered a violation of this Agreement. The Parties recognize that Buyer is a public entity subject to the provisions of the California Public Records Act, and that disclosures made thereunder shall not be considered a violation of this Agreement.

20.3 **Remedies.** Except as provided in Section 20.2 with respect to the Parties’ permitted disclosures, 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.

ARTICLE 21: GENERAL PROVISIONS

21.1 **Entire Agreement; Integration; Exhibits.** This Agreement 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 Cover Sheet and any exhibit, appendix, or other attachment hereto is an integral part hereof and is made a part of this Agreement by reference. 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.

21.2 **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.

21.3 **Survival.** Applicable provisions of this Agreement shall continue in effect after termination, to the extent necessary to enforce or complete the duties, obligations or responsibilities of the Parties arising prior to termination. Notwithstanding anything to the contrary in this Agreement, (i) all rights under Sections 15.1 through 15.5 (Indemnities) and any other indemnity rights survive the end of the Term without limit, (ii) all audit rights under Sections 17.2 and 17.3 survive the end of the Term for an additional one (1) year, or as required by applicable Law, (iii) all rights and obligations under Article 20 (Confidentiality) survive the end of the Term without limit, and (iv) all provisions relating to limitations of liability survive without limit.

21.4 **Waivers.** Waiver by a Party of any default by the other Party shall not be construed as a waiver of any other default. Any waiver of a default under this Agreement must appear in a writing signed by the waiving Party.

21.5 **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 Product seller and Product 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 Project, the Product or any business related to the Project. This Agreement shall not impart any rights enforceable by any third party other than a permitted successor or assignee bound to this Agreement or, to the extent set forth herein, any Lender or indemnitee. In no event shall Buyer's receipt or review of any Seller submission, or Buyer's monitoring of Project data or cooperation in Project operations be construed as an assumption of any responsibility, liability or obligation of Seller for the design, construction or operation of the Project.

21.6 **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.

21.7 **Mobile Sierra.** Notwithstanding any provision of this Agreement, neither Party shall seek, nor shall they support any third party seeking, to prospectively or retroactively revise the rates, terms or conditions of service of this Agreement through application or complaint to the FERC pursuant to the provisions of the Federal Power Act, absent prior written agreement of the Parties. Further, absent the prior written agreement in writing by both Parties, the standard of review for changes to the rates, terms or conditions of service of this Agreement proposed by a Party, a non-Party, or the FERC acting sua sponte shall be the "public interest" standard of review set forth in *United States Gas Pipe Line Co. v. Mobile Gas Service Corp.*, 350 U.S. 332 (1956) and *Federal Power Commission v. Sierra Pacific Power Co.*, 350 U.S. 348 (1956), and clarified by *Morgan Stanley Capital Group, Inc. v. Public Util. Dist. No. 1 of Snohomish*, 554 U.S. 527 (2008) and *NRG Power Mrkt'g, LLC v. Maine Pub. Util. Comm'n*, 558 U.S. 165 (2010).

21.8 **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.

21.9 **Electronic Delivery.** This Agreement may be duly executed and delivered by a Party by execution and electronic format (including portable document format (.pdf)) delivery of the signature page of a counterpart to the other Party, provided that any digital signatures are in compliance with California Code of Regulations, Title 2, Division 7, Chapter 10, Sections 22000 – 22005.

21.10 **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 or Buyer or its constituent members, in connection with this Agreement.

21.11 **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.

21.12 **Further Assurances.** Each of the Parties hereto agree 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.

ARTICLE 22: NOTICES

22.1 **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 Appendix VIII or at such other address or addresses as a Party may designate for itself from time to time by Notice hereunder.

22.2 **Time of Delivery.** 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) and if concurrently with the transmittal of such electronic communication the sending Party provides a copy of such electronic Notice by hand delivery, United States mail, or express courier, at the time indicated by the time stamp upon delivery; 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.

SIGNATURES

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

DYNEGY MARKETING AND TRADE, LLC

EAST BAY COMMUNITY ENERGY
AUTHORITY

By: _____
Name: _____
Title: _____

By: _____
Name: _____
Title: _____

APPENDIX I

DESCRIPTION OF PROJECT

The following describes the Project to be constructed, operated and maintained by Seller through the Term in accordance with the Agreement.

A. PROJECT DESCRIPTION

Project name: Oakland Energy Storage 1

Project Site name: Oakland Power Station

Technology type: Lithium-Ion Battery Energy Storage

Project physical address: 50 Martin Luther King Jr. Way, Oakland, CA 94607

Project elevation: 15 feet above sea level

Project latitude: 37.79675

Project longitude: -122.28185

Interconnection:

CAISO transmission access charge area (e.g. PG&E): PG&E

Point of interconnection: Oakland C Substation

Point of interconnection address: 2nd St. Oakland, CA 94607

Existing zone (e.g. NP-15): NP-15

PNode: TBD

CAISO Resource ID: TBD

Substation: Oakland C

B. PROJECT SIZE

Nameplate capacity: 20 MW

APPENDIX II

OPERATIONAL CHARACTERISTICS

The following describes the Operational Characteristics to determine the amount of Capacity Attributes of Product.

Physical Location and Point of Interconnection

Shall be as set forth in Appendix I-A.

Discharging and Charging

Maximum continuous discharge power (Dmax): 20 MW

Minimum continuous discharge power (Dmin): 1.0 MW

Maximum discharge duration at constant Dmax : 4 (hours)

Maximum continuous charge power (Cmax): 22 MW

Minimum continuous charge power (Cmin): -0.1 MW

Maximum charge duration at constant Cmax: 4.49 (hours)

Amount of Energy released to fully discharge: 80 MWh

Amount of Energy required to fully charge: 89.9 MWh

Round-trip efficiency: 0.89 %

Ramp Rates

Dmin to Dmax: 20 MW/second

Cmin to Cmax: -20 MW/second

Dmax to Dmin: -20 MW/second

Cmax to Cmin: 20 MW/second

System Response Time

Idle to Dmax: 2 seconds

Idle to Cmax: 2 seconds

Dmax to Cmax: 2 seconds

Cmax to Dmax: 2 seconds

Dmin to Cmin: 2 seconds

Cmin to Dmin: 2 seconds

Discharge Start-up time (from notification to Dmin): 2 seconds

Charge Start-up time (from notification to Cmin): 2 seconds

Discharge Start-up Fuel: 0 MMBtu

Starts and other Run Time Limitations

Start limitations: None

Run hour limitations: System is designed for 4 hours of 20MW battery storage

The minimum run time after a Discharge Start-up is 2 seconds

The minimum run time after a Charge Start-up is 2 seconds

The minimum down time after a shutdown is 2 seconds

Ancillary Services (defined terms below have the meaning found in the CAISO Tariff as of the Execution Date):

At ISO conditions, normal efficiency mode:

Spinning Reserves: Range: -20 to 20 MW

Non-Spinning Reserves: Range: -20 to 20 MW

Regulation Up: Range: -20 to 20 MW

Regulation Down: Range: -20 to 20 MW

Black Start capability (if applicable):

Other:

Voltage Services

Generator voltage regulation range (+/-): .10 volts per unit

Maximum reactive power leading: 20 mega volt amps reactive (MVar)

Maximum reactive power lagging: 20 mega volt amps reactive (MVar)

APPENDIX III
PROGRESS REPORTING FORM

Each Progress Report must include the following items:

1. Executive Summary.
2. Project description.
3. Site plan of the Project.
4. Description of any material planned changes to the Project or the Site.
5. Schedule showing progress on Project construction generally and achieving each of the Critical Milestones, the Commercial Operation Milestone, and the Initial Delivery Date.
6. Summary of activities during the previous month, including any OSHA labor hour reports.
7. Forecast of activities scheduled for the current calendar quarter.
8. Written description about the progress relative to the Critical Milestones, the Commercial Operation Milestone, and the Initial Delivery Date, including whether Seller is on schedule with respect to the same.
9. List of issues that are likely to potentially affect achievement of the Critical Milestones, the Commercial Operation Milestone, and the Initial Delivery Date.
10. Progress and schedule of the EPC Contract, all major equipment supply agreements, Governmental Approvals, technical studies, and financing arrangements.
11. Pictures, in sufficient quantity and of appropriate detail, in order to document construction and interconnection progress.
12. Compliance with workforce and prevailing wage requirements.
13. Any other documentation reasonably requested by Buyer.

APPENDIX IV

**CERTIFICATION
FOR COMMERCIAL OPERATION**

This certification of commercial operation (“Certification”) is delivered by each of _____ (“Seller”) and _____ (“Engineer”) to East Bay Community Energy Authority (“Buyer”) in accordance with the terms of that certain Energy Storage Resource Adequacy 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 and Engineer each hereby certifies and represents to Buyer the following, severally and not jointly:

- (1) The Project became Commercially Operable on [] J.
- (2) The Project has been constructed in accordance with Appendix I of the Agreement.
- (3) The Project has been constructed in accordance with the Project Safety Plan.
- (4) The Project is capable of producing and delivering Capacity Attributes of Product in the Contract Amounts, and a performance test was conducted to confirm this capability.
- (5) Seller has designed and built the Project to have a design life for the Delivery Term in accordance with Prudent Operating Practices.
- (6) The design and construction of the Project was carried out by the original equipment manufacturer or other qualified organization in accordance with the designs and requirements of the original equipment manufacturer.

SELLER:

ENGINEER:

Signature: _____

Signature: _____

Name: _____

Name: _____

Title: _____

Title: _____

Date: _____

Date: _____

License

Number: _____

LPE Stamp: _____

APPENDIX V-A

FORM OF LETTER OF CREDIT

[Issuing Bank Letterhead and Address]

IRREVOCABLE STANDBY LETTER OF CREDIT NO. [XXXXXXXX]

Date:
Bank Ref.:
Amount: US\$[XXXXXXXXXX]
Expiry Date:

Beneficiary:

East Bay Community Energy Authority, a California joint powers authority
1111 Broadway, Suite 300
Oakland, CA 94607

Ladies and Gentlemen:

By the order of _____ (“Applicant”), we, [insert bank name and address] (“Issuer”) hereby issue our Irrevocable Standby Letter of Credit No. [XXXXXXXX] (the “Letter of Credit”) in favor of East Bay Community Energy Authority, a California joint powers authority (“Beneficiary”), 1111 Broadway, Suite 300, Oakland, CA 94607, for an amount not to exceed the aggregate sum of U.S. \$[XXXXXXXX] (United States Dollars [XXXXXX] and 00/100), pursuant to that certain Energy Storage Resource Adequacy Agreement dated as of _____ and as amended (the “Agreement”) between Applicant and Beneficiary. This Letter of Credit shall become effective immediately and shall expire on _____, 201_.

Funds under this Letter of Credit are available to you against your draft(s) drawn on us at sight, referencing thereon our Letter of Credit No. [XXXXXXXX] accompanied by your dated statement purportedly signed by your duly authorized representative, in the form attached hereto as Exhibit A, containing one of the two alternative paragraphs set forth in paragraph 2 therein.

We hereby agree with the Beneficiary that all drafts drawn under and in compliance with the terms of this Letter of Credit, that such drafts will be duly honored upon presentation to the drawee at [insert bank address]. Payment shall be made by Issuer in U.S. dollars with Issuer’s own immediately available funds.

Partial draws are permitted under this Letter of Credit.

It is a condition of this Letter of Credit that it shall be deemed automatically extended without an amendment for a one year period beginning on the present expiry date hereof and upon each anniversary for such date, unless at least one hundred twenty (120) days prior to any such expiry

date we have sent to you written notice by overnight courier service that we elect not to extend this Letter of Credit, in which case it will expire on its the date specified in such notice. No presentation made under this Letter of Credit after such expiry 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.

This Letter of Credit is subject to the Uniform Customs and Practice for Documentary Credits (2007 Revision) International Chamber of Commerce Publication No. 600 (the “UCP”), except to the extent that the terms hereof are inconsistent with the provisions of the UCP, including but not limited to Articles 14(b) and 36 of the UCP, in which case the terms of this Letter of Credit shall govern. In the event of an act of God, riot, civil commotion, insurrection, war or any other cause beyond Issuer’s control (as defined in Article 36 of the UCP) that interrupts Issuer’s business and causes the place for presentation of the Letter of Credit to be closed for business on the last day for presentation, the expiry date of the Letter of Credit will be automatically extended without amendment to a date thirty (30) calendar days after the place for presentation reopens for business.

Please address all correspondence regarding this Letter of Credit to the attention of the Letter of Credit Department at [insert bank address information], 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.

[Bank Name]

[Insert officer name]
[Insert officer title]

(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 East Bay Community Energy Authority, a California joint powers authority, 1111 Broadway, Suite 300, Oakland, CA 94607, 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 Resource Adequacy 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.
3. The undersigned is a duly authorized representative of East Bay Community Energy Authority, a California joint powers authority 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 East Bay Community Energy Authority, a California joint powers authority by wire transfer in immediately available funds to the following account:

[Specify account information]

East Bay Community Energy Authority

Name and Title of Authorized Representative

Date _____

APPENDIX V-B

FORM OF GUARANTY

This Guaranty (this “**Guaranty**”) is entered into as of [_____] (the “**Effective Date**”) by and between [_____] a [_____] (“**Guarantor**”), and East Bay Community Energy Authority, 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 Resource Adequacy Agreement (as amended, restated or otherwise modified from time to time, the “**RA Agreement**”) dated as of [_____] 2019.

B. Guarantor is entering into this Guaranty as Delivery Term Security to secure Seller’s obligations under the RA Agreement, as required by Section 10.2 of the RA Agreement.

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 RA Agreement.

D. Initially capitalized terms used but not defined herein have the meaning set forth in the RA Agreement.

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 RA Agreement, including, without limitation, compensation for penalties, the Termination Payment, indemnification payments or other damages, as and when required pursuant to the terms of the RA Agreement (the “**Guaranteed Amount**”) [REDACTED]

[REDACTED]

[REDACTED] 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 RA Agreement, 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 conditions of the RA Agreement. If Seller fails to pay any Guaranteed Amount as required pursuant to the RA Agreement 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 following have occurred: (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) and the Delivery Term has expired or terminated early or (y) replacement Delivery Term Security is provided in an amount and form required by the terms of the RA Agreement. 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 RA Agreement, 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 RA Agreement 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 RA Agreement or perform its obligations thereunder, (B) lack of due execution, delivery, validity or enforceability, including of the RA Agreement, or (C) Seller's inability to pay any Guaranteed Amount or perform its obligations under the RA Agreement, 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 RA Agreement, 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 RA Agreement, 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 RA Agreement;

(iii) 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*][*corporate*] 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 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 7.

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 San Francisco, 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 RA Agreement. 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.

[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:_____

APPENDIX VI

PROJECT SAFETY PLAN AND DOCUMENTATION

Project Safety Plan Elements:

Part One: Safety Requirements and Safety Programs

Identify the applicable safety-related codes, standards, and regulations (CSR) which govern the design, construction, operation, maintenance of the Project using the proposed technology.

Describe the Seller's and Contractors' safety programs and policies. Describe Seller's compliance with any safety-related industry standards or any industry certifications (American National Standards Institute (ANSI), International Organization for Standardization (ISO), etc.), if applicable.

Part Two: Project Design and Description

Describe Seller's safety engineering approach to select equipment and design systems and the Project to reduce risks and mitigate the impacts of safety-related incidents, including cascading failures, excessive temperatures, thermal runaways, fires, explosions, disk fractures, hazardous chemical releases.

Describe the results of any failure mode effects analyses (FMEA) or similar safety engineering evaluations. In the case of lithium ion batteries, describe the safety-related reasons, including design features and historical safety records, for selecting particular anode and cathode materials and a particular manufacturer.

Provide a list of major facility components, systems, materials, and associated equipment, which includes but is not limited to, the following information:

- a) Equipment manufacturer's datasheet, model numbers, etc.,
- b) Technical specifications,
- c) Equipment safety-related certifications (e.g. UL),
- d) Safety-related systems, and
- e) Approximate volumes and types of hazardous materials expected to be on Site.

Part Three: Project Safety Management

Identify and describe any hazards and risks to life, safety, public health, property, or the environment due to or arising from the Project. Describe the Seller's applicable site-specific safety plans, risk mitigation, Safeguards and layers of protection, including but not necessarily limited to:

- a) Engineering controls,
- b) Work practices,
- c) Administrative controls,
- d) Personal protective equipment and procedures,
- e) Incident response and recovery plans,
- f) Contractor pre-qualification and management,

- g) Operating procedures,
- h) Emergency plans,
- i) Training and qualification programs,
- j) Disposal, recycle, transportation and reuse procedures, and
- k) Physical security measures.

APPENDIX VII

MUA DECISION ATTESTATION

This attestation is delivered by _____ (“Seller”) to East Bay Community Energy Authority (“Buyer”) in accordance with the terms of that certain Energy Storage Resource Adequacy Agreement dated _____ (“Agreement”) by and between Seller and Buyer. All capitalized terms used in this attestation but not otherwise defined herein shall have the respective meanings assigned to such terms in the Agreement.

Seller hereby certifies and represents to Buyer, as of the date set forth below, that with regard to the Project, Seller is following all the rules set forth in Appendix A of CPUC Decision 18-01-003 on Multiple-Use Application Issues, issued January 17, 2018, regarding the multiple-use applications of energy storage facilities.

EXECUTED by SELLER this _____ day of _____, 20__.

Signature: _____

Name: _____

Title: _____

APPENDIX VIII

NOTICES

SELLER	BUYER
<p>All Notices:</p> <p>Street: 6555 Sierra Dr City: Irving, TX 75039 Attn: Risk Management</p> <p>Phone: 214-875-9292 Facsimile: Email: contract_admin@luminant.com</p> <p>With a copy to:</p> <p>Anthony Maselli, VP Corporate Development & Strategy 6555 Sierra Dr Irving, TX 75039 Anthony.Maselli@vistraenergy.com</p>	<p>All Notices:</p> <p>Street: 1111 Broadway, Suite 300 City: Oakland, CA 94607 Attn: Howard Chang, Chief Operating Officer Phone: (510) 809-7458 Email: hchang@ebce.org</p> <p>With a copy to:</p> <p>Email: legal@ebce.org</p>
<p>Invoices:</p> <p>Attn: Settlements Accounting Phone: 214-875-8521 or 214-875-9468 E-mail: settlementaccounting@luminant.com</p>	<p>Invoices:</p> <p>E-mail: powerresources@ebce.org; ap@ebce.org</p>
<p>Scheduling:</p> <p>Attn: Brad Dusek, VP, Asset Management, CAISO Phone: +1 (713) 767-0119 Email: Bradley.Dusek@vistraenergy.com</p>	<p>Scheduling:</p> <p>Attn: NCPA c/o Ken Goeke, Manager, Portfolio and Administration Phone: (916) 781-4290 Email: ken.goeke@ncpa.com</p>
<p>Payments:</p> <p>Attn: Settlements Accounting Phone: 214-875-8521 or 214-875-9468 E-mail: settlementaccounting@luminant.com</p>	<p>Payments:</p> <p>Attn: Jason Bartlett, Finance Manager Phone: (510) 650-7584 E-mail: jbartlett@ebce.org</p>
<p>Wire Transfer:</p> <p>BNK: JPMorgan Chase Bank ABA: 021000021 ACCT: 08806318059</p>	<p>Wire Transfer:</p> <p>BNK: River City Bank ABA: 121133416 ACCT: *****3199</p>
<p>Emergency Contact:</p> <p>Attn: Anthony Maselli, VP, Corporate Development & Strategy Phone: 214-930-2580 E-mail: Anthony.Maselli@vistraenergy.com</p>	<p>Emergency Contact:</p> <p>Attn: Bill Her, Director of Power Resources Phone: (510) 361-6247 E-mail: bher@ebce.org</p>

APPENDIX XX

WORKFORCE DEVELOPMENT AND COMMUNITY INVESTMENT OBLIGATIONS

Seller shall only engage Contractors for the construction of the Project that will enter into a Project Labor Agreement (“PLA”) with the Building and Construction Trades Council of Alameda County (“Council”) and any required affiliated construction unions.

Upon selecting the EPC Contractor, Seller shall cause the EPC Contractor to negotiate a mutually agreeable PLA with the Council that will cover all the construction work on the Project, including any work by subcontractors of the EPC Contractor.

Seller shall only enter into operations-related agreements for the Project that utilize unions.

END OF AGREEMENT

CONFIDENTIAL
FINAL
8 MAY 2019

RENEWABLE POWER PURCHASE AGREEMENT

COVER SHEET

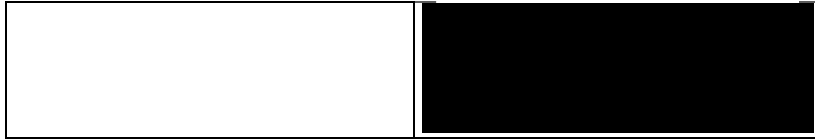
Seller: Tulare Solar Center, LLC

Buyer: East Bay Community Energy Authority, a California joint powers authority

Description of Facility: See Exhibit A

Milestones:

Milestone	Date for Completion
Evidence of Site Control	██████████
CEC Pre-Certification Obtained	██████████
Financing Milestone	██████████
Documentation of Conditional Use Permit if required: CEQA <input checked="" type="checkbox"/> Cat Ex, <input type="checkbox"/> Neg Dec, <input type="checkbox"/> Mitigated Neg Dec, <input type="checkbox"/> EIR	██████████
Seller's receipt of Phase I and Phase II Interconnection study results for Seller's Interconnection Facilities	██████████
Seller delivery to Interconnection Provider of Seller- Executed Interconnection Agreement	██████████
Financial Close	██████████
Expected Construction Start Date	██████████
Full Capacity Deliverability Status Obtained	██████████
Initial Synchronization	██████████
Network Upgrades completed	October 31, 2021
Expected Commercial Operation Date	December 31, 2021



Settlement Point: PG&E DLAP

Product:

- PV Energy
- Green Attributes (Portfolio Content Category 1)
- Capacity Attributes (select options below as applicable)
 - Energy Only Status
 - Full Capacity Deliverability Status
- Ancillary Services

Scheduling Coordinator: Buyer/Buyer Third Party

Security, Damage Payment, and Guarantor

Initial Development Security 

Performance Security: 

Damage Payment: See definition of “Damage Payment”

Guarantor: N/A

TABLE OF CONTENTS

Page

ARTICLE 1 DEFINITIONS	1
1.1 CONTRACT DEFINITIONS.	1
1.2 RULES OF INTERPRETATION.....	19
ARTICLE 2 TERM; CONDITIONS PRECEDENT	20
2.1 CONTRACT TERM.....	20
2.2 CONDITIONS PRECEDENT.....	20
2.3 DEVELOPMENT; CONSTRUCTION; PROGRESS REPORTS	21
2.4 REMEDIAL ACTION PLAN	22
ARTICLE 3 PURCHASE AND SALE	22
3.1 PURCHASE AND SALE OF PRODUCT.....	22
3.2 SALE OF GREEN ATTRIBUTES.....	22
3.3 IMBALANCE ENERGY.....	22
3.4 OWNERSHIP OF RENEWABLE ENERGY INCENTIVES.....	23
3.5 FUTURE ENVIRONMENTAL ATTRIBUTES.....	23
3.6 TEST ENERGY.....	23
3.7 CAPACITY ATTRIBUTES.....	23
3.8 RESOURCE ADEQUACY FAILURE.....	24
3.9 CEC CERTIFICATION AND VERIFICATION.....	24
3.10 ELIGIBILITY.....	25
3.11 CALIFORNIA RENEWABLES PORTFOLIO STANDARD.....	25
3.12 COMPLIANCE EXPENDITURE CAP.....	25
3.13 PROJECT CONFIGURATION.....	26
ARTICLE 4 OBLIGATIONS AND DELIVERIES	26
4.1 DELIVERY.....	26
4.2 TITLE AND RISK OF LOSS.....	26
4.3 FORECASTING	27
4.4 DISPATCH DOWN/CURTAILMENT.....	28
4.5 SELLER EQUIPMENT REQUIRED FOR CURTAILMENT INSTRUCTION COMMUNICATIONS.....	29
4.6 REDUCTION IN DELIVERY OBLIGATION.....	29
4.7 GUARANTEED ENERGY PRODUCTION.....	30
4.8 WREGIS.....	30
4.9 GREEN-E CERTIFICATION.....	31
ARTICLE 5 TAXES.....	32
5.1 ALLOCATION OF TAXES AND CHARGES.....	32
5.2 COOPERATION.....	32
ARTICLE 6 MAINTENANCE OF THE FACILITY	32
6.1 MAINTENANCE OF THE FACILITY.....	32
6.2 MAINTENANCE OF HEALTH AND SAFETY.....	32
6.3 SHARED FACILITIES.....	32
ARTICLE 7 METERING	33
7.1 METERING.....	33
7.2 METER VERIFICATION.....	33

ARTICLE 8 INVOICING AND PAYMENT; CREDIT	33
8.1 INVOICING.....	33
8.2 PAYMENT.....	34
8.3 BOOKS AND RECORDS.....	34
8.4 PAYMENT ADJUSTMENTS; BILLING ERRORS.....	34
8.5 BILLING DISPUTES.....	34
8.6 NETTING OF PAYMENTS.....	35
8.7 SELLER’S DEVELOPMENT SECURITY.....	35
8.8 SELLER’S PERFORMANCE SECURITY.....	35
8.9 FIRST PRIORITY SECURITY INTEREST IN CASH OR CASH EQUIVALENT COLLATERAL.....	36
8.10 FINANCIAL STATEMENTS.....	37
ARTICLE 9 NOTICES.....	37
9.1 ADDRESSES FOR THE DELIVERY OF NOTICES.....	37
9.2 ACCEPTABLE MEANS OF DELIVERING NOTICE.....	37
ARTICLE 10 FORCE MAJEURE	37
10.1 DEFINITION.....	37
10.2 NO LIABILITY IF A FORCE MAJEURE EVENT OCCURS.....	38
10.3 NOTICE.....	38
10.4 TERMINATION FOLLOWING FORCE MAJEURE EVENT.....	39
ARTICLE 11 DEFAULTS; REMEDIES; TERMINATION	39
11.1 EVENTS OF DEFAULT. AN “EVENT OF DEFAULT” SHALL MEAN,	39
11.2 REMEDIES; DECLARATION OF EARLY TERMINATION DATE.....	42
11.3 TERMINATION PAYMENT.....	42
11.4 NOTICE OF PAYMENT OF TERMINATION PAYMENT.....	43
11.5 DISPUTES WITH RESPECT TO TERMINATION PAYMENT.....	43
11.6 RIGHTS AND REMEDIES ARE CUMULATIVE.....	43
ARTICLE 12 LIMITATION OF LIABILITY AND EXCLUSION OF WARRANTIES.....	43
12.1 NO CONSEQUENTIAL DAMAGES.....	43
12.2 WAIVER AND EXCLUSION OF OTHER DAMAGES.....	43
ARTICLE 13 REPRESENTATIONS AND WARRANTIES; AUTHORITY	44
13.1 SELLER’S REPRESENTATIONS AND WARRANTIES.....	44
13.2 BUYER’S REPRESENTATIONS AND WARRANTIES.....	45
13.3 GENERAL COVENANTS	46
13.4 PREVAILING WAGE.....	46
13.5 WORKFORCE DEVELOPMENT.....	46
ARTICLE 14 ASSIGNMENT	47
14.1 GENERAL PROHIBITION ON ASSIGNMENTS	47
14.2 COLLATERAL ASSIGNMENT.....	47
14.3 PERMITTED TRANSFER BY SELLER.....	49
14.4 SHARED FACILITIES; PORTFOLIO FINANCING	49
ARTICLE 15 DISPUTE RESOLUTION	49
15.1 GOVERNING LAW.....	49
15.2 DISPUTE RESOLUTION.....	50

ARTICLE 16 INDEMNIFICATION.....	50
16.1 INDEMNITY.	50
16.2 NOTICE OF CLAIM.....	50
16.3 FAILURE TO PROVIDE NOTICE.	51
16.4 DEFENSE OF CLAIMS.....	51
16.5 SUBROGATION OF RIGHTS.	51
16.6 RIGHTS AND REMEDIES ARE CUMULATIVE.	51
ARTICLE 17 INSURANCE.....	52
17.1 INSURANCE	52
ARTICLE 18 CONFIDENTIAL INFORMATION	53
18.1 DEFINITION OF CONFIDENTIAL INFORMATION.....	53
18.2 DUTY TO MAINTAIN CONFIDENTIALITY.....	53
18.3 IRREPARABLE INJURY; REMEDIES.	53
18.4 DISCLOSURE TO LENDERS, ETC.....	54
18.5 PRESS RELEASES.....	54
ARTICLE 19 MISCELLANEOUS	54
19.1 ENTIRE AGREEMENT; INTEGRATION; EXHIBITS.....	54
19.2 AMENDMENTS.....	54
19.3 NO WAIVER.	54
19.4 NO AGENCY, PARTNERSHIP, JOINT VENTURE OR LEASE.	54
19.5 SEVERABILITY.	55
19.6 MOBILE-SIERRA.....	55
19.7 COUNTERPARTS; ELECTRONIC SIGNATURES.....	55
19.8 BINDING EFFECT.....	55
19.9 NO RECOURSE TO MEMBERS OF BUYER.....	55
19.10 FORWARD CONTRACT.....	55
19.11 FURTHER ASSURANCES	56

Exhibits:

Exhibit A	Facility Description
Exhibit B	Major Project Development Milestones and Commercial Operation
Exhibit C	Compensation
Exhibit D	Scheduling Coordinator Responsibilities
Exhibit E	Progress Reporting Form
Exhibit F-1	Form of Average Expected Energy Report
Exhibit F-2	Form of Monthly Available Capacity Report
Exhibit G	Guaranteed Energy Production Damages Calculation
Exhibit H	Form of Commercial Operation Date Certificate
Exhibit I	Form of Installed Capacity Certificate
Exhibit J	Form of Construction Start Date Certificate
Exhibit K	Form of Letter of Credit
Exhibit L	Form of Guaranty
Exhibit M	Form of Replacement RA Notice
Exhibit N	Notices
Exhibit O	Operating Restrictions
Exhibit P	Metering Diagram
Exhibit Q	Workforce Development

RENEWABLE POWER PURCHASE AGREEMENT

This Renewable Power Purchase Agreement (“**Agreement**”) is entered into as of _____, 2019 (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, permit, 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 3.12.

“**Adjusted Energy Production**” has the meaning set forth in Exhibit G.

“**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 all ancillary services, products and other attributes, if any, associated with the Facility.

“Approved Forecast Vendor” means a vendor reasonably acceptable to both Buyer and Seller for the purposes of providing or verifying the forecasts under Section 4.3(d).

“Available Generating Capacity” means the capacity of the Generating Facility, expressed in whole MWs, that is mechanically available to generate Energy.

“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. Pacific Standard Time (PST) for the Party sending a Notice, or payment, or performing a specified action.

“Buyer” means East Bay Community Energy Authority, a California joint powers authority.

“Buyer Bid Curtailment” means the occurrence of all of the following:

(a) the CAISO provides notice to a Party or the Scheduling Coordinator for the Facility, requiring the Party to deliver less Facility Energy from the Facility than the full amount of energy forecasted in accordance with Section 4.3 to be produced from the Facility for a period of time;

(b) for the same time period as referenced in (a), the notice referenced in (a) results from the manner in which Buyer or the SC schedules or bids the Facility or Facility Energy, including where Buyer or the SC for the Facility:

(i) did not submit a Self-Schedule or an Energy Supply Bid for the MW subject to the reduction; or

(ii) submitted an Energy Supply Bid and the CAISO notice referenced in (a) is solely a result of CAISO implementing the Energy Supply Bid; or

(iii) submitted a Self-Schedule for less than the full amount of Facility Energy forecasted to be generated by or delivered from the Facility.

If the Facility is subject to a Planned Outage, Forced Facility Outage, Force Majeure Event or a Curtailment Period during the same time period as referenced in (a), then the calculation of Deemed Delivered Energy in respect of such period shall not include any Energy that was not generated or stored due to such Planned Outage, Forced Facility Outage, Force Majeure Event or Curtailment Period.

“Buyer Curtailment Order” means the instruction from Buyer to Seller to reduce Facility Energy from the Facility by the amount, and for the period of time set forth in such instruction, which instruction shall be consistent with the Operating Restrictions, for reasons unrelated to a Planned Outage, Forced Facility Outage, Force Majeure Event or Curtailment Order.

“Buyer Curtailment Period” means the period of time, as measured using current Settlement Intervals, during which Seller reduces Facility Energy from the Facility pursuant to or as a result of (a) Buyer Bid Curtailment, (b) a Buyer Curtailment Order, or (c) Buyer Default; provided, that the duration of any Buyer Curtailment Period shall be inclusive of the time required for the Facility to ramp down and ramp up.

“Buyer Default” means a failure by Buyer (or its agents) to perform Buyer’s obligations hereunder, and includes an Event of Default of Buyer.

“Buyer Group” has the meaning set forth in Section 16.1.

“Buyer’s WREGIS Account” has the meaning set forth in Section 4.8(a).

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

“CAISO Approved Meter” means a CAISO approved revenue quality meter or meters, 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 delivered to the Delivery Point.

“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 Agreement and 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.

“California Renewables Portfolio Standard” or **“RPS”** means the renewable energy program and policies established by California State Senate Bills 1038 (2002), 1078 (2002), 107 (2008), X-1 2 (2011), 350 (2015), and 100 (2018) as codified in, *inter alia*, California Public Utilities Code Sections 399.11 through 399.31 and California Public Resources Code Sections 25740 through 25751, as such provisions are amended or supplemented from time to time.

“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 generate 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 Damages**” has the meaning set forth in Exhibit B.

“**CEC**” means the California Energy Commission, or any successor agency performing similar statutory functions.

“**CEC Certification and Verification**” means that the CEC has certified (or, with respect to periods before the date that is one hundred eighty (180) days following the Commercial Operation Date, that the CEC has pre-certified) that the Generating Facility is an Eligible Renewable Energy Resource for purposes of the California Renewables Portfolio Standard and that all Facility Energy delivered to the Delivery Point qualifies as generation from an Eligible Renewable Energy Resource.

“**CEC Precertification**” means that the CEC has issued a precertification for the Facility indicating that the planned operations of the Facility would comply with applicable CEC requirements for CEC Certification and Verification.

“**CEQA**” means the California Environmental Quality Act.

“**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 equity or tax equity investor directly or indirectly providing financing or refinancing for the Facility or purchasing equity ownership interests of Seller or its Affiliates, and any trustee or agent or similar representative acting on their behalf) or assignee or transferee thereof shall be excluded from the total outstanding equity interests in Seller.

“**Claim**” has the meaning set forth in Section 16.2.

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

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

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

“**Commercial Operation Delay Damages**” means an amount equal to [REDACTED]

“**Compliance Actions**” has the meaning set forth in Section 3.12.

“**Compliance Expenditure Cap**” has the meaning set forth in Section 3.12.

“**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.

“**CPUC**” means the California Public Utilities Commission or any successor agency performing similar statutory functions.

“**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 Cap**” is the yearly quantity per Contract Year, in MWh, equal to [REDACTED] multiplied by the Installed Capacity.

“**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 Participating Transmission Owner 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 Participating Transmission Owner's electric system integrity or the integrity of other systems to which the Participating Transmission Owner is connected;

(c) a curtailment ordered by CAISO or the Participating Transmission Owner due to scheduled or unscheduled maintenance on the Participating Transmission Owner's transmission facilities that prevents (i) Buyer from receiving or (ii) Seller from delivering Facility Energy to the Delivery Point; or

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

"Curtailment Period" means the period of time, as measured using current Settlement Intervals, during which Seller reduces generation from the Facility pursuant to a Curtailment Order; provided that the Curtailment Period shall be inclusive of the time required for the Facility to ramp down and ramp up.

"Daily Delay Damages" means an amount equal to [REDACTED].

"Damage Payment" means the dollar amount that equals the amount of the Initial Development Security.

"Day-Ahead Forecast" has the meaning set forth in Section 4.3.

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

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

"Deemed Delivered Energy" means the amount of Energy expressed in MWh that the Generating Facility would have produced and delivered to the Delivery Point, but that is not produced by the Generating Facility during a Buyer Curtailment Period, which amount shall be equal to the Day-Ahead Forecast (of the hourly expected Energy) provided pursuant to Section 4.3(d) for the period of time during the Buyer Curtailment Period (or other relevant period), less the amount of Energy delivered to the Delivery Point during the Buyer Curtailment Period (or other relevant period); *provided* that, if the applicable difference is negative, the Deemed Delivered Energy shall be zero (0).

"Defaulting Party" has the meaning set forth in Section 11.1(a).

"Deficient Month" has the meaning set forth in Section 4.8(e).

"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 [REDACTED]

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

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

“**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.

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

“**Eligible Renewable Energy Resource**” has the meaning set forth in California Public Utilities Code Section 399.12(e) and California Public Resources Code Section 25741(a), as either code provision is amended or supplemented from time to time.

“**Energy**” means electrical energy generated by the Generating Facility.

“**Energy Supply Bid**” has the meaning set forth in the CAISO Tariff.

“**Environmental Costs**” means costs incurred in connection with acquiring and maintaining all environmental permits and licenses for the Product, and the Product’s and 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 Product or 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, marketable emission trading credits, and any costs related to greenhouse gas emissions, 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 a Site or the Facility.

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

“**Excess MWh**” has the meaning set forth in Exhibit C.

“**Executed Interconnection Agreement Milestone**” means the date for completion of execution of the Interconnection Agreement by Seller and the PTO as set forth on the Cover Sheet.

“**Expected Commercial Operation Date**” is the date set forth on the Cover Sheet by which Seller reasonably expects to achieve Commercial Operation.

“**Expected Construction Start Date**” is the date set forth on the Cover Sheet by which Seller reasonably expects to achieve Construction Start.

“**Expected Energy**” means the quantity of Energy that Seller expects to be able to deliver to Buyer from the Generating Facility during each Contract Year in the quantity specified on the Cover Sheet.

“**Expected FCDS Date**” means [REDACTED].

“**Facility**” means the Generating Facility.

“**Facility Energy**” means the Energy during any Settlement Interval or Settlement Period, net of Electrical Losses and Station Use, 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 and Station Use.

“**Facility Meter**” means the CAISO Approved Meter that will measure all Facility Energy. Without limiting Seller’s obligation to deliver Facility Energy to the Delivery Point, the Facility Meter will be located at the low or the high voltage side of the main step up transformer, and Facility Energy will be measured, and will be subject to adjustment in accordance with CAISO meter requirements and Prudent Operating Practices to account for Electrical Losses and Station Use.

“**FCDS Shortfall Month**” means, for purposes of calculating an RA Deficiency Amount under Section 3.8(b), from the Commercial Operation Date and after the achievement of Full Capacity Deliverability Status for the Facility, any month during which the Facility does not qualify to provide Resource Adequacy Benefits to Buyer solely due to a failure of Seller to comply with its obligations set forth in Section 3.7(b).

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

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

“**Financing Milestone**” means the date set forth on the Cover Sheet for Seller to satisfy the obligations set forth in Section 2.5.

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

“**Forced Facility Outage**” means an unexpected failure of one or more components of the Facility that prevents Seller from generating Energy or making Facility Energy available at the Delivery Point and that is not the result of a Force Majeure Event.

“Forecasting Penalty” means for each hour in which Seller does not provide the forecast required in Section 4.3(d) and Buyer incurs a loss or penalty resulting from Seller’s failure and Buyer’s scheduling activities in such hour with respect to Facility Energy, the product of (A) the absolute difference (if any) between (i) the expected Energy for such hour set forth in the Monthly Delivery Forecast, and (ii) the actual Energy produced by the Generating Facility, multiplied by (B) the absolute value of the Real-Time Price in such hour.

“Forward Certificate Transfers” has the meaning set forth in Section 4.8(a).

“Full Capacity Deliverability Status” 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.

“Future Environmental Attributes” shall mean any and all generation attributes other than Green Attributes or Renewable Energy Incentives under the RPS regulations or under any and all other international, federal, regional, state or other law, rule, regulation, bylaw, treaty or other intergovernmental compact, decision, administrative decision, program (including any voluntary compliance or membership program), competitive market or business method (including all credits, certificates, benefits, and emission measurements, reductions, offsets and allowances related thereto) that are attributable, now, or in the future, to the generation of electrical energy by the Facility and its displacement of conventional energy generation. Future Environmental Attributes do not include investment tax credits or production tax credits associated with the construction or operation of the Facility, or other financial incentives in the form of credits, reductions, or allowances associated with the Facility that are applicable to a state or federal income taxation obligation.

“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.

“Generating Facility” means the solar photovoltaic generating 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 Energy to the Delivery Point; provided, that the “Generating Facility” does not include the Shared Facilities.

“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, however*, that “Governmental Authority” shall not in any event include any Party.

“Green Attributes” means any and all credits, benefits, emissions reductions, offsets, and allowances, howsoever entitled, attributable to the generation from the Facility and its displacement of conventional energy generation. Green Attributes include but are not limited to Renewable Energy Credits, as well as: (1) any avoided emissions of pollutants to the air, soil or water such as sulfur oxides (SOx), nitrogen oxides (NOx), carbon monoxide (CO) and other pollutants; (2) any avoided emissions of carbon dioxide (CO₂), methane (CH₄), nitrous oxide, hydrofluorocarbons, perfluorocarbons, sulfur hexafluoride and other greenhouse gases (GHGs) that have been determined by the United Nations Intergovernmental Panel on Climate Change, or otherwise by law, to contribute to the actual or potential threat of altering the Earth’s climate by trapping heat in the atmosphere; (3) the reporting rights to these avoided emissions, such as Green Tag Reporting Rights. Green Tags are accumulated on a MWh basis and one Green Tag represents the Green Attributes associated with one (1) MWh of Energy. Green Attributes do not include (i) any energy, capacity, reliability or other power attributes from the Facility, (ii) production tax credits associated with the construction or operation of the Facility and other financial incentives in the form of credits, reductions, or allowances associated with the Facility that are applicable to a state or federal income taxation obligation, (iii) fuel-related subsidies or “tipping fees” that may be paid to Seller to accept certain fuels, or local subsidies received by the generator for the destruction of particular preexisting pollutants or the promotion of local environmental benefits, or (iv) emission reduction credits encumbered or used by the Facility for compliance with local, state, or federal operating or air quality permits. If the Facility is a biomass or landfill gas facility and Seller receives any tradable Green Attributes based on the greenhouse gas reduction benefits or other emission offsets attributed to its fuel usage, it shall provide Buyer with sufficient Green Attributes to ensure that there are zero net emissions associated with the production of electricity from the Facility.

“Green Tag Reporting Rights” means the right of a purchaser of renewable energy to report ownership of accumulated “green tags” in compliance with and to the extent permitted by applicable Law and include, without limitation, rights under Section 1605(b) of the Energy Policy Act of 1992, and any present or future federal, state or local certification program or emissions trading program, including pursuant to the WREGIS Operating Rules.

“Guaranteed Capacity” means the amount of generating capacity of the Generating Facility, as measured in MW at the Delivery Point, set forth on the Cover Sheet, as the same may be adjusted pursuant to Section 5(a) of Exhibit B.

“Guaranteed Commercial Operation Date” means the Expected Commercial Operation Date, as such date may be extended by the Development Cure Period.

“Guaranteed Construction Start Date” means the Expected Construction Start Date, as such date may be extended by the Development Cure Period.

“Guaranteed Energy Production” means █████ of the total Expected Energy (as set forth on the Cover Sheet), measured in MWh, for the applicable Performance Measurement Period.

“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 [REDACTED] (d) has a tangible net worth of at least [REDACTED], (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.

“Hazardous Substance” means, collectively, (a) any chemical, material or substance that is listed or regulated under applicable Laws as a “hazardous” or “toxic” substance or waste, or as a “contaminant” or “pollutant” or words of similar import, (b) any petroleum or petroleum products, flammable materials, explosives, radioactive materials, asbestos, urea formaldehyde foam insulation, and transformers or other equipment that contain polychlorinated biphenyls, and (c) any other chemical or other material or substance, exposure to which is prohibited, limited or regulated by any Laws.

“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.

“Indemnifiable Loss(es)” has the meaning set forth in Section 16.1.

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

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

“Installed Capacity” means the actual generating capacity of the Generating Facility, as measured in MW(AC) at the Delivery Point, that achieves Commercial Operation, adjusted for ambient conditions on the date of the performance test, and as evidenced by a certificate substantially in the form attached as Exhibit I hereto.

“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 required to satisfy the terms and conditions of this 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.

“ITC” means the investment tax credit established pursuant to Section 48 of the United States Internal Revenue Code of 1986.

“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 December 1, 2016, 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 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 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 (a) 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 or (b) being reasonably acceptable to Buyer, 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.

“Locational Marginal Price” or **“LMP”** has the meaning set forth in the CAISO Tariff.

“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.

“**Lost Output**” has the meaning set forth in Section 4.7.

“**Major Project Development Milestone**” has the meaning set forth in in Exhibit B.

“**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 Delivery Forecast**” has the meaning set forth in Section 4.3(b).

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

“**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.

“**Negative LMP**” means, in any Settlement Period or Settlement Interval, the LMP at the Facility’s PNode is less than Zero dollars (\$0).

“**NERC**” means the North American Electric Reliability Corporation or any successor entity performing similar functions.

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

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

“**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).

“**Notice of Claim**” has the meaning set forth in Section 16.2.

“**NP-15**” means the Existing Zone Generation Trading Hub for Existing Zone region NP15 as set forth in the CAISO Tariff.

“**Operating Procedures**” or “**Operating Restrictions**” means those rules, requirements, and procedures set forth on Exhibit O.

“**Participating Transmission Owner**” or “**PTO**” means an entity that owns, operates and maintains transmission or distribution lines and associated facilities or has entitlements to use certain transmission or distribution lines and associated facilities where the Facility is interconnected. For purposes of this Agreement, the Participating Transmission Owner is set forth in Exhibit A.

“**Party**” or “**Parties**” has the meaning set forth in the Preamble.

“**Performance Measurement Period**” means each two (2) consecutive Contract Year period during the Delivery Term.

“**Performance Security**” means [REDACTED]

“**Permitted Transferee**” means (i) any Affiliate of Seller or (ii) any entity that has, or is controlled by a another Person that satisfies the following requirements:

- (a) A tangible net worth of not less than [REDACTED] and (b) with (a) at least two (2) years of experience in the ownership and operations of power generation facilities similar to the Facility, or (b) that has retained a third-party with such experience to operate the Facility.

“**Person**” means any individual, sole proprietorship, corporation, limited liability company, limited or general partnership, joint venture, association, joint-stock company, trust, incorporated organization, institution, public benefit corporation, unincorporated organization, government entity or other entity.

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

“**Planned Outage**” has the meaning set forth in Section 4.6(a).

“**Portfolio**” means the single portfolio of electrical energy generating 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 Content Category**” means PCC1, PCC2 or PCC3, as applicable.

“**Portfolio Content Category 1**” or “**PCC1**” means any Renewable Energy Credit associated with the generation of electricity from an Eligible Renewable Energy Resource consisting of the portfolio content set forth in California Public Utilities Code Section 399.16(b)(1), as may be amended from time to time or as further defined or supplemented by Law.

“Portfolio Content Category 2” or **“PCC2”** means any Renewable Energy Credit associated with the generation of electricity from an Eligible Renewable Energy Resource consisting of the portfolio content set forth in California Public Utilities Code Section 399.16(b)(2), as may be amended from time to time or as further defined or supplemented by Law.

“Portfolio Content Category 3” or **“PCC3”** means any Renewable Energy Credit associated with the generation of electricity from an Eligible Renewable Energy Resource consisting of the portfolio content set forth in California Public Utilities Code Section 399.16(b)(3), as may be amended from time to time or as further defined or supplemented by Law.

“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 generating facilities in the Western United States, or (b) any of the practices, methods and acts which, in the exercise of reasonable judgement 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 generating facilities in the Western United States. Prudent Operating Practice includes compliance with applicable Laws, applicable reliability criteria, and the 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.

“PTC” means the production tax credit established pursuant to Section 45 of the United States Internal Revenue Code of 1986.

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

“RA Deficiency Amount” means the liquidated damages payment that Seller shall pay to Buyer for an applicable RA Shortfall Month or FCDS Shortfall Month as calculated in accordance with Section 3.8(b).

“RA Guarantee Date” means the Commercial Operation Date.

“RA Shortfall Month” means, for purposes of calculating an RA Deficiency Amount under Section 3.8(b), the extent to which during any month the Net Qualifying Capacity of the Facility for such month was less than the Qualifying Capacity of the Facility for such month due to (a) a Forced Facility Outage, (b) the CAISO’s reduction in Facility NQC due to the Facility’s actual Forced Facility Outage rate (i.e., past performance) or (c) a Planned Outage occurring in more than one (1) calendar month per Contract Year.

“Real-Time Forecast” means any Notice of any change to the Available Generating Capacity or hourly expected Energy delivered by or on behalf of Seller pursuant to Section 4.3(d).

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

“Real-Time Price” means the Resource-Specific Settlement Interval LMP as defined in the CAISO Tariff. If there is more than one applicable Real-Time Price for the same period of time, Real-Time Price shall mean the price associated with the smallest time interval.

“Reference Hour” means any hour from hour-ending 0700 to hour-ending 2200 (i.e., 7:00 AM to 9:59 PM) on Monday through Sunday, Pacific Prevailing Time, excluding North American Electric Reliability Council (NERC) holidays.

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

“Renewable Energy Credit” has the meaning set forth in California Public Utilities Code Section 399.12(h), as may be amended from time to time or as further defined or supplemented by Law.

“Renewable Energy Incentives” means: (a) all federal, state, or local Tax credits or other Tax benefits associated with the construction, ownership, or production of electricity from the Facility (including credits under Sections 38, 45, 46 and 48 of the Internal Revenue Code of 1986, as amended); (b) any federal, state, or local grants, subsidies or other like benefits relating in any way to the Facility; and (c) any other form of incentive relating in any way to the Facility that is not a Green Attribute or a Future Environmental Attribute.

“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 NP 15 or Greater Bay Area Local Capacity Area Resource.

“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 includes any local, zonal or otherwise locational attributes associated with the Facility, in addition to flex attributes.

“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 Law, 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 The McGraw-Hill Companies, 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), 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.

“**Self-Schedule**” has the meaning set forth in the CAISO Tariff.

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

“**Seller’s WREGIS Account**” has the meaning set forth in Section 4.8(a).

“**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.

“**Settlement Point**” means the settlement point set forth on the Cover Sheet and in Exhibit B.

“**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 energy from the Facility (which is excluded from Shared Facilities) to the point of interconnection, including the Interconnection Agreement itself, that are used in common with third parties.

“**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.

“**Site Control**” means that 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.

“**Station Use**” means:

(a) The Energy produced by the Facility that is used within the Facility to power the lights, motors, control systems and other electrical loads that are necessary for operation of the Facility; and

(b) The Energy produced by the Facility that is consumed within the Facility’s electric energy distribution system as losses.

[REDACTED]

“**System Emergency**” means any condition that requires, as determined and declared by CAISO or the PTO, 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 the PTC, ITC and any other state, local or federal production tax credit, depreciation benefit, tax deduction or investment tax credit specific to the production of renewable energy or investments in renewable energy facilities.

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

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

“**Test Energy**” means Facility Energy delivered (a) commencing on the later of (i) the first date that the CAISO informs Seller in writing that Seller may deliver Facility Energy to the CAISO and (ii) the first date that the PTO informs Seller in writing that Seller has conditional or temporary permission to parallel and (b) ending upon the occurrence of the Commercial Operation Date.

“**Test Energy Rate**” has the meaning set forth in Section 3.6.

“**Transmission Provider**” means any entity or entities transmitting or transporting the Facility Energy on behalf of Seller or Buyer to or from the Delivery Point.

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

“**Ultimate Parent**” means Idemitsu Kosan Co., Ltd., a Japanese corporation.

“**Variable Energy Resource**” or “**VER**” has the meaning set forth in the CAISO Tariff.

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

“**WREGIS Certificate Deficit**” has the meaning set forth in Section 4.8(e).

“**WREGIS Certificates**” has the same meaning as “Certificate” as defined by WREGIS in the WREGIS Operating Rules and are designated as eligible for complying with the California Renewables Portfolio Standard.

“**WREGIS Operating Rules**” means those operating rules and requirements adopted by WREGIS as of May 1, 2018, as subsequently amended, supplemented or replaced (in whole or in part) from time to time.

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 means 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 term “including” means “including 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) 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

(l) 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 and any contract term extension provisions set forth herein (“**Contract Term**”); provided, however, that subject to Buyer’s obligations in Section 3.6, 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 and all indemnity and audit rights shall remain in full force and effect for three (3) years following the termination of this Agreement.

2.2 Conditions Precedent. The Delivery Term shall not commence until Seller completes each of the following conditions:

(a) Seller has 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 PTO 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 required regulatory authorizations, approvals and permits for the operation of the Facility have been obtained and all required conditions thereof have been satisfied and shall be in full force and effect, provided, that, Seller may demonstrate satisfaction of this subsection 2.2(d) by delivery to Buyer of a copy of a temporary or final certificate of occupancy (or equivalent) for the Facility;

(e) Seller has received CEC Precertification of the Facility (and reasonably expects to receive final CEC Certification and Verification for the Facility in no more than one hundred eighty (180) days from the Commercial Operation Date);

(f) Seller (with the reasonable participation of Buyer) shall have completed all applicable WREGIS registration requirements that are reasonably capable of being complete prior to the Commercial Operation Date under WREGIS rules, including (as applicable) the completion and submittal of all applicable registration forms and supporting documentation, which may include applicable interconnection agreements, informational surveys related to the Facility, QRE service agreements, and other appropriate documentation required to effect Facility registration with WREGIS and to enable Renewable Energy Credit transfers related to the Facility within the WREGIS system;

(g) Seller has delivered the Performance Security to Buyer in accordance with Section 8.8; and

(h) 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 monthly 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, as between Seller and Buyer, Seller is solely responsible for the design

and construction of the Facility, including the location of the Site, obtaining all permits and approvals to build the Facility, the Facility layout, and the selection and procurement of the equipment comprising the Facility.

2.4 **Remedial Action Plan.** If Seller misses three (3) or more Milestones, or misses any one (1) by more than ninety (90) 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, that 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 **Financing Milestone.** From and after the Effective Date and until the Construction Start Date, Seller shall provide Buyer with quarterly updates regarding Seller’s plans with respect to the Facility’s eligibility for the ITC.

ARTICLE 3 PURCHASE AND SALE

3.1 **Purchase and Sale of Product.** Subject to the terms and conditions of this Agreement, during the Delivery Term, Buyer will purchase all the Product produced by or associated with the Facility at the Contract Price and in accordance with Exhibit C, and Seller shall supply and deliver to Buyer all the Product produced by or associated with the Facility (net of applicable losses). At its sole discretion, Buyer may during the Delivery Term re-sell or use for another purpose all or a portion of the Product, provided that no such re-sale or use shall relieve Buyer of any obligations hereunder. During the Delivery Term, Buyer will have exclusive rights to offer, bid, or otherwise submit the Product, or any component thereof, from the Facility after the Delivery Point for resale into the market or to any third party, and retain and receive any and all related revenues. Subject to Buyer’s obligation to pay for Deemed Delivered Energy Buyer has no obligation to purchase from Seller any Product for which the associated Facility Energy is not or cannot be delivered to the Delivery Point as a result of an outage of the Facility, a Force Majeure Event, or a Curtailment Order.

3.2 **Sale of Green Attributes.** During the Delivery Term, Seller shall sell and deliver to Buyer, and Buyer shall purchase from Seller, all Green Attributes attributable to the Facility Energy generated by the Facility.

3.3 **Imbalance Energy.** Buyer and Seller recognize that in any given Settlement Period there may be Imbalance Energy. To the extent there is any Imbalance Energy, any payments or charges related to such Imbalance Energy shall be for the account of Buyer.

3.4 **Ownership of Renewable Energy Incentives.** Seller shall have all right, title and interest in and to all Renewable Energy Incentives. Buyer acknowledges that any Renewable Energy Incentives belong to Seller. If any Renewable Energy Incentives, or values representing the same, are initially credited or paid to Buyer, Buyer shall cause such Renewable Energy Incentives or values relating to same to be assigned or transferred to Seller without delay. Buyer shall reasonably cooperate with Seller, at Seller's sole expense, in Seller's efforts to meet the requirements for any certification, registration, or reporting program relating to Renewable Energy Incentives.

3.5 **Future Environmental Attributes.**

(a) The Parties acknowledge and agree that as of the Effective Date, environmental attributes sold under this Agreement are restricted to Green Attributes; however, Future Environmental Attributes may be created by a Governmental Authority through Laws enacted after the Effective Date. Subject to the final sentence of this Section 3.5(a), and Sections 3.5(b) and 3.12, in such event, Buyer shall bear all costs and risks associated with the transfer, qualification, verification, registration and ongoing compliance for such Future Environmental Attributes, but there shall be no increase in the Contract Price. Upon Seller's receipt of Notice from Buyer of Buyer's intent to claim such Future Environmental Attributes, the Parties shall determine the necessary actions and additional costs associated with such Future Environmental Attributes. Seller shall have no obligation to alter the Facility unless the Parties have agreed on all necessary terms and conditions relating to such alteration and Buyer has agreed to reimburse Seller for all costs, losses, and liabilities associated with such alteration.

(b) If Buyer elects to receive Future Environmental Attributes pursuant to Section 3.5(a), the Parties agree to negotiate in good faith with respect to the development of further agreements and documentation necessary to effectuate the transfer of such Future Environmental Attributes, including agreement with respect to (i) appropriate transfer, delivery and risk of loss mechanisms, and (ii) appropriate allocation of any additional costs to Buyer, as set forth above (in any event subject to Section 3.12); *provided*, that the Parties acknowledge and agree that such terms are not intended to alter the other material terms of this Agreement.

3.6 **Test Energy.** No less than fourteen (14) days prior to the first day on which Test Energy is expected to be available from the Facility, Seller shall notify Buyer of the availability of the Test Energy. If and to the extent the Facility generates Test Energy, Seller shall sell and Buyer shall purchase from Seller all Test Energy and any associated Products on an as-available basis for up to ninety (90) days from the first delivery of Test Energy. As compensation for such Test Energy and associated Product, Buyer shall pay Seller an amount equal to [REDACTED] (the "**Test Energy Rate**"). For the avoidance of doubt, the conditions precedent in Section 2.2 are not applicable to the Parties' obligations under this Section 3.6.

3.7 **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, and subject to Section 3.12, 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 3.12, Seller shall use commercially reasonable efforts to maintain eligibility for Full Capacity Deliverability Status or Interim Deliverability Status for the Facility from the CAISO and shall perform all actions necessary to ensure that the Facility qualifies to provide Resource Adequacy Benefits to Seller. Throughout the Delivery Term, and subject to Section 3.12, 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 3.12, Seller shall take all commercially reasonable administrative 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.

(d) for each FCDS Shortfall Month, Seller shall pay to Buyer the RA Deficiency Amount, as liquidated damages or provide Replacement RA, in each case, pursuant to Section 3.8(b) as the sole remedy for Buyer's failure to comply with its obligations set forth in this Section 3.7.

3.8 **Resource Adequacy Failure.**

(a) **RA Deficiency Determination.** For each RA Shortfall Month or FCDS Shortfall Month, Seller shall pay to Buyer the RA Deficiency Amount as liquidated damages or provide Replacement RA, in each case, as the sole remedy for the Capacity Attributes Seller failed to convey to Buyer.

(b) **RA Deficiency Amount Calculation.** Commencing on the Commercial Operation Date, for each RA Shortfall Month or each FCDS Shortfall Month, as applicable, 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 for such month, minus (ii) the Net Qualifying Capacity of the Facility for such month, multiplied [REDACTED] provided that Seller may, as an alternative to paying 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, 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 seventy-five (75) days before the applicable CPUC operating month for the purpose of monthly RA reporting. For greater clarity, in the event that an RA Shortfall Month and an FCDS Shortfall Month occur concurrently, Buyer shall only be entitled to one payment of the RA Deficiency Amount for such month.

3.9 **CEC Certification and Verification.** Subject to Section 3.12 and the timing requirements of this Section 3.9, Seller shall take all necessary steps including, but not limited to,

making or supporting timely filings with the CEC to obtain and maintain CEC Certification and Verification for the Facility throughout the Delivery Term, including compliance with all applicable requirements for certified facilities set forth in the current version of the *RPS Eligibility Guidebook* (or its successor). Seller shall obtain CEC Precertification by the Commercial Operation Date. Within thirty (30) days after the Commercial Operation Date, Seller shall apply with the CEC for final CEC Certification and Verification. Within one hundred eighty (180) days after the Commercial Operation Date, Seller shall obtain and maintain throughout the remainder of the Delivery Term the final CEC Certification and Verification. Seller must promptly notify Buyer and the CEC of any changes to the information included in Seller's application for CEC Certification and Verification for the Facility.

3.10 **Eligibility**. Subject to Section 3.12, Seller, and, if applicable, its successors, represents and warrants that throughout the Delivery Term of this Agreement that: (i) the Facility qualifies and is certified by the CEC as an Eligible Renewable Energy Resource as such term is defined in Public Utilities Code Section 399.12 or Section 399.16; and (ii) the Facility's electrical energy output delivered to Buyer qualifies under the requirements of the California Renewables Portfolio Standard. To the extent a change in law occurs after execution of this Agreement that causes this representation and warranty to be materially false or misleading, it shall not be an Event of Default if Seller has used commercially reasonable efforts to comply with such change in law. The term "commercially reasonable efforts" as used in this Section 3.10 means efforts consistent with and subject to Section 3.12.

3.11 **California Renewables Portfolio Standard**. Subject to Section 3.12, Seller shall also take all other actions necessary to ensure that the Energy produced from the Generating Facility is tracked for purposes of satisfying the California Renewables Portfolio Standard requirements, as may be amended or supplemented by the CPUC or CEC from time to time.

3.12 **Compliance Expenditure Cap**. If a change in Laws occurring after the Effective Date has increased Seller's known or reasonably expected costs to comply with Seller's obligations under this Agreement with respect to obtaining, maintaining, conveying or effectuating Buyer's use of (as applicable) any Product (including any obligations set forth in Section [REDACTED]), then the Parties agree that the maximum aggregate amount of out-of-pocket costs and expenses ("**Compliance Costs**") Seller shall be required to bear during the Delivery Term to comply with all of such obligations shall be capped at [REDACTED] of Guaranteed Capacity ("**Compliance Expenditure Cap**"). Seller's internal administrative costs associated with obtaining, maintaining, conveying or effectuating Buyer's use of (as applicable) any Product are excluded from the Compliance Expenditure Cap.

Any actions required for Seller to comply with its obligations set forth in the first paragraph above, the Compliance Costs of which will be included in the Compliance Expenditure Cap, shall be referred to collectively as the "**Compliance Actions**."

If Seller reasonably anticipates the need to incur Compliance Costs in excess of the Compliance Expenditure Cap in order to take any Compliance Action Seller shall provide Notice to Buyer of such anticipated Compliance Costs.

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 Compliance Costs that exceed the Compliance Expenditure Cap, as applicable (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 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.

3.13 **Project Configuration**. In order to optimize the benefits of the Facility, Buyer and Seller each agree that if requested by the other Party, then Buyer and Seller will discuss in good faith potential reconfiguration of the Facility or Interconnection Facilities; provided that 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 (and Seller’s Lenders) as set forth in a written agreement.

ARTICLE 4 OBLIGATIONS AND DELIVERIES

4.1 **Delivery**.

(a) **Energy**. 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 to the Delivery Point, including without limitation, Station Use, Electrical Losses, and any operation and maintenance charges imposed by the Transmission Provider directly relating to the Facility’s operations. 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 Energy charges. The Facility Energy will be scheduled to the CAISO by Buyer (or Buyer’s designated Scheduling Coordinator) in accordance with Exhibit D.

(b) **Green Attributes**. All Green Attributes associated with the Facility during the Delivery Term are exclusively dedicated to and vested in Buyer. Seller represents and warrants that Seller holds the rights to all Green Attributes from the Facility, and Seller agrees to convey and hereby conveys all such Green Attributes to Buyer as included in the delivery of the Product from the Facility.

4.2 **Title and Risk of Loss**.

(a) **Energy**. Title to and risk of loss related to the Facility Energy, shall pass and transfer from Seller to Buyer at the Delivery Point. Seller warrants that all Product delivered to Buyer is free and clear of all liens, security interests, claims and encumbrances of any kind.

(b) Green Attributes. Title to and risk of loss related to the Green Attributes shall pass and transfer from Seller to Buyer upon the transfer of such Green Attributes in accordance with WREGIS.

4.3 **Forecasting**. Seller shall provide the forecasts described below at its sole expense and in a format reasonably acceptable to Buyer (or Buyer's designee). Seller shall use reasonable efforts to provide forecasts that are accurate and, to the extent not inconsistent with the requirements of this Agreement, shall prepare such forecasts, or cause such forecasts to be prepared, in accordance with Prudent Operating Practices.

(a) Annual Forecast of Energy. No less than forty-five (45) days before (i) the first day of the first Contract Year of the Delivery Term and (ii) at the beginning of each calendar year for every subsequent Contract Year during the Delivery Term, Seller shall provide to Buyer and the SC (if applicable) a non-binding forecast of each month's average-day Expected Energy, by hour, for the following calendar year in a form substantially similar to the table found in Exhibit F-1, or as reasonably requested by Buyer.

(b) Monthly Forecast of Energy and Available Generating Capacity. No less than thirty (30) days before the beginning of Commercial Operation, and thereafter ten (10) Business Days before the beginning of each month during the Delivery Term, Seller shall provide to Buyer and the SC (if applicable) a non-binding forecast of the hourly expected Energy, Available Generating Capacity for each day of the following month in a form substantially similar to the table found in Exhibit F-2 ("**Monthly Delivery Forecast**").

(c) Day-Ahead Forecast. By 5:30 AM Pacific Prevailing Time on the Business Day immediately preceding the date of delivery, or as otherwise specified by Buyer consistent with Prudent Operating Practice, Seller shall provide Buyer with a non-binding forecast of (i) Available Generating Capacity and (ii) hourly expected Energy, in each case, for each hour of the immediately succeeding day ("**Day-Ahead Forecast**"). A Day-Ahead Forecast provided in a day prior to any non-Business Day(s) shall include non-binding forecasts for the immediate day, each succeeding non-Business Day and the next Business Day. Each Day-Ahead Forecast shall clearly identify, for each hour, Seller's best estimate of (i) the Available Generating Capacity and (ii) the hourly expected Energy. These Day-Ahead Forecasts shall be sent to Buyer's on-duty Scheduling Coordinator. If Seller fails to provide Buyer with a Day-Ahead Forecast as required herein for any period, then for such unscheduled delivery period only Buyer shall rely on any Real-Time Forecast provided in accordance with Section 4.3(d) or the Monthly Delivery Forecast or Buyer's best estimate based on information reasonably available to Buyer.

(d) Real-Time Forecasts. During the Delivery Term, Seller shall notify Buyer of any changes from the Day-Ahead Forecast of one (1) MW or more in (i) Available Generating Capacity or (ii) hourly expected Energy, in each case, whether due to Forced Facility Outage, Force Majeure or other cause, as soon as reasonably possible, but no later than one (1) hour prior to the deadline for submitting Schedules to the CAISO in accordance with the rules for participation in the Real-Time Market. If the Available Generating Capacity or hourly expected Energy changes by at least one (1) MW as of a time that is less than one (1) hour prior to the Real-Time Market deadline, but before such deadline, then Seller must notify Buyer as soon as reasonably possible. Such Real-Time Forecasts of Energy shall be provided by an Approved

Forecast Vendor and shall contain information regarding the beginning date and time of the event resulting in the change in Available Generating Capacity or hourly expected Energy, as applicable, the expected end date and time of such event, and any other information required by the CAISO or reasonably requested by Buyer. With respect to any Forced Facility Outage, Seller shall use commercially reasonable efforts to notify Buyer of such outage within ten (10) minutes of the commencement of the Forced Facility Outage. Seller shall inform Buyer of any developments that will affect either the duration of such outage or the availability of the Facility during or after the end of such outage. These Real-Time Forecasts shall be communicated in a method acceptable to Buyer; provided that Buyer specifies the method no later than twenty (20) Business Days prior to the effective date of such requirement. In the event Buyer fails to provide Notice of an acceptable method for communications under this Section 4.3(d), then Seller shall send such communications by telephone and e-mail to Buyer.

(e) Forced Facility Outages. Notwithstanding anything to the contrary herein, Seller shall promptly notify Buyer's on-duty Scheduling Coordinator of Forced Facility Outages and Seller shall keep Buyer informed of any developments that will affect either the duration of the outage or the availability of the Facility during or after the end of the outage.

(f) Forecasting Penalties. Subject to a Force Majeure Event, in the event Seller does not in a given hour provide the forecast required in Section 4.3(d) and Buyer incurs a loss or penalty resulting from Seller's failure and Buyer's scheduling activities with respect to Facility Energy during such hour, Seller shall be responsible for a Forecasting Penalty for each such hour. Settlement of Forecasting Penalties shall occur as set forth in Article 8 of this Agreement.

(g) CAISO Tariff Requirements. Subject to the limitations expressly set forth in Section 3.12, to the extent such obligations are applicable to the Facility, Seller will comply with all applicable obligations for Variable Energy Resources under the CAISO Tariff and the Eligible Intermittent Resource Protocol, including providing appropriate operational data and meteorological data, and will fully cooperate with Buyer, Buyer's SC, and CAISO, in providing all data, information, and authorizations required thereunder.

4.4 Dispatch Down/Curtailment.

(a) General. Seller agrees to reduce the amount of Facility Energy produced by the Facility, by the amount and for the period set forth in any Curtailment Order, Buyer Curtailment Order, or notice received from CAISO in respect of a Buyer Bid Curtailment, provided that Seller is not required to reduce such amount to the extent such reduction or any such Curtailment Order, Buyer Curtailment Order or notice is inconsistent with the limitations of the Facility set out in the Operating Restrictions.

(b) Buyer Curtailment. Buyer shall have the right to order Seller to curtail deliveries of Facility Energy through Buyer Curtailment Orders, provided that Buyer shall pay Seller for all Deemed Delivered Energy associated with a Buyer Curtailment Period in excess of the Curtailment Cap at the Contract Price.

(c) Failure to Comply. If Seller fails to comply with a Buyer Curtailment Order, Buyer Bid Curtailment or Curtailment Order, then, for each MWh of Facility Energy that

is delivered by the Facility to the Delivery Point in contradiction to the Buyer Curtailment Order, Buyer Bid Curtailment or Curtailment Order, Seller shall pay Buyer for each such MWh at an amount equal to the sum of (A) + (B) + (C), where: (A) is the amount, if any, paid to Seller by Buyer for delivery of such excess MWh and, (B) is the sum, for all Settlement Intervals with a Negative LMP during the Buyer Curtailment Period or Curtailment Period, of the absolute value of the product of such excess MWh in each Settlement Interval and the Negative LMP for such Settlement Interval, and (C) is any penalties assessed by the CAISO or other charges assessed by the CAISO resulting from Seller's failure to comply with the Buyer Curtailment Order, Buyer Bid Curtailment or Curtailment Order.

4.5 **Seller Equipment Required for Curtailment Instruction Communications.**

Seller shall acquire, install, and maintain such facilities, communications links and other equipment, and implement such protocols and practices, as necessary to respond and follow instructions, including an electronic signal conveying real time and intra-day instructions, to operate the Facility as directed by Buyer in accordance with this Agreement or a Governmental Authority, including to implement a Buyer Curtailment Order, Buyer Bid Curtailment or Curtailment Order in accordance with the then-current methodology used to transmit such instructions as it may change from time to time. If at any time during the Delivery Term Seller's facilities, communications links or other equipment, protocols or practices are not in compliance with then-current methodologies, Seller shall take the steps necessary to become compliant as soon as reasonably possible. Seller shall be liable pursuant to Section 4.4(c) for failure to comply with a Buyer Curtailment Order, Buyer Bid Curtailment or Curtailment Order, during the time that Seller's facilities, communications links or other equipment, protocols or practices are not in compliance with then-current methodologies. For the avoidance of doubt, a Buyer Curtailment Order, Buyer Bid Curtailment or Curtailment Order communication via such systems and facilities shall have the same force and effect on Seller as any other form of communication.

4.6 **Reduction in Delivery Obligation.** For the avoidance of doubt, and in no way limiting Section 3.1 or Exhibit G:

(a) **Facility Maintenance.** Seller shall provide to Buyer written schedules for scheduled maintenance for the Facility for each Contract Year no later than thirty (30) days prior to the first day of the applicable Contract Year. Buyer may provide comments no later than ten (10) Business Days after receiving any such schedule, and Seller will in good faith take into account any such comments. Seller will deliver to Buyer the final updated schedule of schedule maintenance no later than ten (10) Business Days after receiving Buyer's comments. Seller shall be permitted to reduce deliveries of Product during any such period of scheduled maintenance on the Facility, provided that, between June 1st and September 30th, Seller shall not schedule non-emergency maintenance that reduces the Energy generation of the Facility by more than ten percent (10%), unless (i) such outage is required to avoid damage to the Facility, (ii) such maintenance is necessary to maintain equipment warranties and cannot be scheduled outside the period of June 1st to September 30th, (iii) such outage is required in accordance with prudent electrical practices, or (iv) the Parties agree otherwise in writing (each of the foregoing, a "**Planned Outage**").

(b) **Forced Facility Outage.** Seller shall be permitted to reduce deliveries of Product during any Forced Facility Outage. Seller shall provide Buyer with Notice and expected duration (if known) of any Forced Facility Outage.

(c) System Emergencies and other Interconnection Events. Seller shall be permitted to reduce deliveries of Product during any period of System Emergency, Buyer Curtailment Period or upon Notice of a Curtailment Order pursuant to the terms of this Agreement, the Interconnection Agreement or applicable tariff.

(d) Force Majeure Event. Seller shall be permitted to reduce deliveries of Product during any Force Majeure Event.

(e) Health and Safety. Seller shall be permitted to reduce deliveries of Product as necessary to maintain health and safety pursuant to Section 6.2.

4.7 **Guaranteed Energy Production**. Seller shall be required to deliver to Buyer no less than the Guaranteed Energy Production in each Performance Measurement Period. Seller shall be excused from achieving the Guaranteed Energy Production during any Performance Measurement Period only to the extent of any Force Majeure Events, System Emergency, Buyer's Default, Curtailment Periods or Buyer Curtailment Periods. For purposes of determining whether Seller has achieved the Guaranteed Energy Production, Seller shall be deemed to have delivered to Buyer (1) any Deemed Delivered Energy and (2) Energy in the amount it could reasonably have delivered to Buyer but was prevented from delivering to Buyer by reason of any Force Majeure Events, System Emergency, Buyer's Default, Buyer Curtailment Periods or Curtailment Periods ("**Lost Output**"). If Seller fails to achieve the Guaranteed Energy Production amount in any Performance Measurement Period, Seller shall pay Buyer damages calculated in accordance with Exhibit G. Subject to Buyer's agreement Seller (or its Affiliate) may, as an alternative, provide Replacement Product in accordance with Exhibit G, provided further that Buyer will pay Seller for all such Replacement Product provided pursuant to this Section 4.7 at the Contract Price, as adjusted by the Monthly Delivery Point Adjustment Amount in accordance with Exhibit C.

4.8 **WREGIS**. Seller shall, at its sole expense, but subject to Section 3.12, take all actions and execute all documents or instruments necessary to ensure that all WREGIS Certificates associated with all Renewable Energy Credits corresponding to all Facility Energy are issued and tracked for purposes of satisfying the requirements of the California Renewables Portfolio Standard and transferred in a timely manner to Buyer for Buyer's sole benefit. Seller shall transfer the Renewable Energy Credits to Buyer. Seller shall comply with all Laws, including the WREGIS Operating Rules, regarding the certification and transfer of such WREGIS Certificates to Buyer and Buyer shall be given sole title to all such WREGIS Certificates. Seller shall be deemed to have satisfied the warranty in Section 4.8(g), provided that Seller fulfills its obligations under Sections 4.8(a) through 4.8(g) below. In addition:

(a) Prior to the Commercial Operation Date, Seller shall register the Facility with WREGIS and establish an account with WREGIS ("**Seller's WREGIS Account**"), which Seller shall maintain until the end of the Delivery Term. Seller shall transfer the WREGIS Certificates using "**Forward Certificate Transfers**" (as described in the WREGIS Operating Rules) from Seller's WREGIS Account to the WREGIS account(s) of Buyer or the account(s) of a designee that Buyer identifies by Notice to Seller ("**Buyer's WREGIS Account**"). Seller shall be responsible for all expenses associated with registering the Facility with WREGIS, establishing and maintaining Seller's WREGIS Account, paying WREGIS Certificate issuance and transfer

fees, and transferring WREGIS Certificates from Seller's WREGIS Account to Buyer's WREGIS Account.

(b) Seller shall cause Forward Certificate Transfers to occur on a monthly basis in accordance with the certification procedure established by the WREGIS Operating Rules. Since WREGIS Certificates will only be created for whole MWh amounts of Facility Energy generated, any fractional MWh amounts (i.e., kWh) will be carried forward until sufficient generation is accumulated for the creation of a WREGIS Certificate.

(c) Seller shall, at its sole expense, ensure that the WREGIS Certificates for a given calendar month correspond with the Facility Energy for such calendar month as evidenced by the Facility's metered data.

(d) Due to the ninety (90) day delay in the creation of WREGIS Certificates relative to the timing of invoice payment under Section 8.2 **Error! Reference source not found.**, Buyer shall make an invoice payment for a given month in accordance with Section 8.2 before the WREGIS Certificates for such month are formally transferred to Buyer in accordance with the WREGIS Operating Rules and this Section 4.8. Notwithstanding this delay, Buyer shall have all right and title to all such WREGIS Certificates upon payment to Seller in accordance with Section 8.2.

(e) A "**WREGIS Certificate Deficit**" means any deficit or shortfall in WREGIS Certificates delivered to Buyer for a calendar month as compared to the Facility Energy for the same calendar month ("**Deficient Month**") caused by an error or omission of Seller. If any WREGIS Certificate Deficit is caused, or the result of any action or inaction by Seller, then the amount of Energy in the Deficient Month shall be reduced by the amount of the WREGIS Certificate Deficit for purposes of calculating Buyer's payment to Seller under Article 8 and the Guaranteed Energy Production for the applicable Contract Year; provided, however, that such adjustment shall not apply to the extent that Seller either (x) resolves the WREGIS Certificate Deficit within ninety (90) days after the Deficient Month or (y) provides Replacement Product (as defined in Exhibit G) delivered to NP 15 EZ Gen Hub as Scheduled Energy within ninety (90) days after the Deficient Month (i) upon a schedule reasonably acceptable to Buyer and (ii) provided that such deliveries do not impose additional costs upon Buyer for which Seller refuses to provide reimbursement. Without limiting Seller's obligations under this Section 4.8, if a WREGIS Certificate Deficit is caused solely by an error or omission of WREGIS, the Parties shall cooperate in good faith to cause WREGIS to correct its error or omission.

(f) If WREGIS changes the WREGIS Operating Rules after the Effective Date or applies the WREGIS Operating Rules in a manner inconsistent with this Section 4.8 after the Effective Date, the Parties promptly shall modify this Section 4.8 as reasonably required to cause and enable Seller to transfer to Buyer's WREGIS Account a quantity of WREGIS Certificates for each given calendar month that corresponds to the Facility Energy in the same calendar month.

(g) Seller warrants that all necessary steps to allow the Renewable Energy Credits transferred to Buyer to be tracked in WREGIS will be taken prior to the first delivery under this Agreement.

4.9 **Green-e Certification.** Seller shall, at its sole expense, execute all documents or instruments reasonably required by Buyer in order for Buyer to obtain Green-E certification for the Facility.

ARTICLE 5 TAXES

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 any. 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, however,* that 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.

ARTICLE 6 MAINTENANCE OF THE FACILITY

6.1 **Maintenance of the Facility.** Seller shall comply with Law and Prudent Operating Practice relating to the operation and maintenance of the Facility and the generation and sale of Product.

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 Notice to Buyer's emergency contact identified on Exhibit N of such condition. Such action may include, to the extent reasonably necessary, disconnecting and removing all or a portion of the Facility, or suspending the supply of Energy to Buyer.

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 or co-tenancy agreements to be entered into among Seller, the Participating Transmission Owner, Seller's Affiliates, or third parties pursuant to which certain Interconnection Facilities may be subject to joint ownership and shared maintenance and operation arrangements; *provided* that 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 Facility Energy using the Facility Meter. All 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 Meter shall be programmed to adjust for Electrical Losses and Station Use from the Facility 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 to be set forth as Exhibit P, which shall be provided by Seller to Buyer at least thirty (30) days prior to Commercial Operation. Each meter shall be kept under seal, such seals to be broken only when the 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 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 and Buyer, or Buyer's Scheduling Coordinator, shall cooperate to allow both Parties to retrieve the meter reads from the CAISO Operational Meter Analysis and Reporting (OMAR) web or directly from the CAISO meter(s) at the Facility.

7.2 **Meter Verification**. Annually, if Seller has reason to believe there may be a meter malfunction, or upon Buyer's reasonable request, Seller shall test the 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 meter is inaccurate it shall be promptly repaired or replaced.

ARTICLE 8 INVOICING AND PAYMENT; CREDIT

8.1 **Invoicing**. Seller shall make good faith efforts to deliver an invoice to Buyer for product within fifteen (15) Business Days after the end of the prior monthly billing period. Each invoice shall reflect (a) records of metered data, including 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 Facility Energy produced by the Generating Facility as read by the Facility Meter, the amount of Replacement RA and Replacement Product delivered to Buyer (if any), the calculation of Facility Energy, Deemed Delivered Energy and Adjusted Energy Production, the LMP prices at the Delivery Point for each Settlement Period, and the Contract Price applicable to such Product in accordance with Exhibit C; (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 for Product by wire transfer or ACH payment to the bank account provided on each monthly invoice. Buyer shall pay undisputed invoice amounts within thirty (30) days after receipt of the invoice, or the end of the prior monthly billing period, whichever is later. 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 the 3-Month LIBOR 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 five (5) years or as otherwise required by Law. Upon ten (10) Business 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. Seller acknowledges that in accordance with California Government Code Section 8546.7, Seller may be subject to audit by the California State Auditor with regard to Seller’s performance of this Agreement because the compensation under this Agreement exceeds \$10,000.

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; provided, however, that there shall be no adjustments to prior invoices based upon meter inaccuracies. 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 Exhibit B, 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.**

(a)

[REDACTED]

If the Development Security is a Letter of Credit and the issuer of such Letter of Credit (i) fails to maintain the minimum Credit Rating specified in the definition of Letter of Credit, (ii) indicates its intent not to renew such Letter of Credit and such Letter of Credit expires prior to the Commercial Operation Date, or (iii) fails to honor Buyer's properly documented request to draw on such Letter of Credit by such issuer, Seller shall have ten (10) Business Days to either post cash or deliver a substitute Letter of Credit that otherwise meets the requirements set forth in the definition of Development Security.

[REDACTED]

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, subject to any draws made by Buyer in accordance with this Agreement, until the following

have occurred: (A) the Delivery Term has expired or terminated early; and (B) all payment obligations of the Seller then 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. If the Performance Security is a Letter of Credit and the issuer of such Letter of Credit (i) fails to maintain the minimum Credit Rating set forth in the definition of Letter of Credit, (ii) indicates its intent not to renew such Letter of Credit and such Letter of Credit expires prior to the Commercial Operation Date, or (iii) fails to honor Buyer's properly documented request to draw on such Letter of Credit by such issuer, Seller shall have ten (10) Business Days to either post cash or deliver a substitute Letter of Credit that meets the requirements set forth in the definition of Performance Security. Seller may at its option exchange one permitted form of Development Security or Performance Security for another permitted form of Development Security or Performance Security, as applicable.

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** Except as provided in Exhibit D, 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.

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) and if concurrently with the transmittal of such electronic communication the sending Party provides a copy of such electronic Notice by hand delivery or express courier, at the time indicated by the time stamp upon delivery; 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 if such act or event, despite the exercise of 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; 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 that render a Party’s performance of this Agreement at the Contract Price unprofitable or otherwise uneconomic (including an increase in component costs for any reason, including foreign or domestic tariffs, Buyer’s ability to buy electric energy 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 except to the extent such inability is caused by a Force Majeure Event; (vi) any equipment failure except if such equipment failure is caused by a Force Majeure Event; or (vii) Seller’s inability to achieve Construction Start of the Facility following the Guaranteed Construction Start Date or achieve Commercial Operation following the Guaranteed Commercial Operation Date unless the cause of such inability is an event that would otherwise constitute a Force Majeure Event as described above; it being understood and agreed, for the avoidance of doubt, that the occurrence of a Force Majeure Event may give rise to a Development Cure Period.

10.2 **No Liability If a Force Majeure Event Occurs.** 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. Nothing herein shall be construed as permitting that Party to continue to fail to perform after said cause has been removed. 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. Notwithstanding the foregoing, the occurrence and continuation of a Force Majeure Event shall not (a) suspend or excuse the obligation of a Party to make any payments due hereunder, (b) suspend or excuse the obligation of Seller to achieve the Guaranteed Construction Start Date or the Guaranteed Commercial Operation Date beyond the extensions provided in Exhibit B, or (c) limit Buyer’s right to declare an Event of Default pursuant to Section 11.1(b)(ii) or (iv) and receive a Damage Payment upon exercise of Buyer’s default right pursuant to Section 11.2.

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.** 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, for a consecutive twelve (12) month period, then the non-claiming Party may terminate this Agreement upon written Notice to the other Party with respect to the Facility experiencing the Force Majeure Event. 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 or 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 five (5) Business Days after Notice thereof;

(ii) any representation or warranty made by such Party herein is false or misleading in any material respect when made or when deemed made or repeated, and such default is not remedied within thirty (30) days after Notice thereof (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 achieve Full Capacity Deliverability Status by the RA Guarantee Date, the exclusive remedies for which are set forth in Section 3.8, and (2) failures related to the Adjusted Energy Production that do not trigger the provisions of Section 11.1(b)(iii), the exclusive remedies for which are set forth in Section 4.8) 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, as appropriate; or

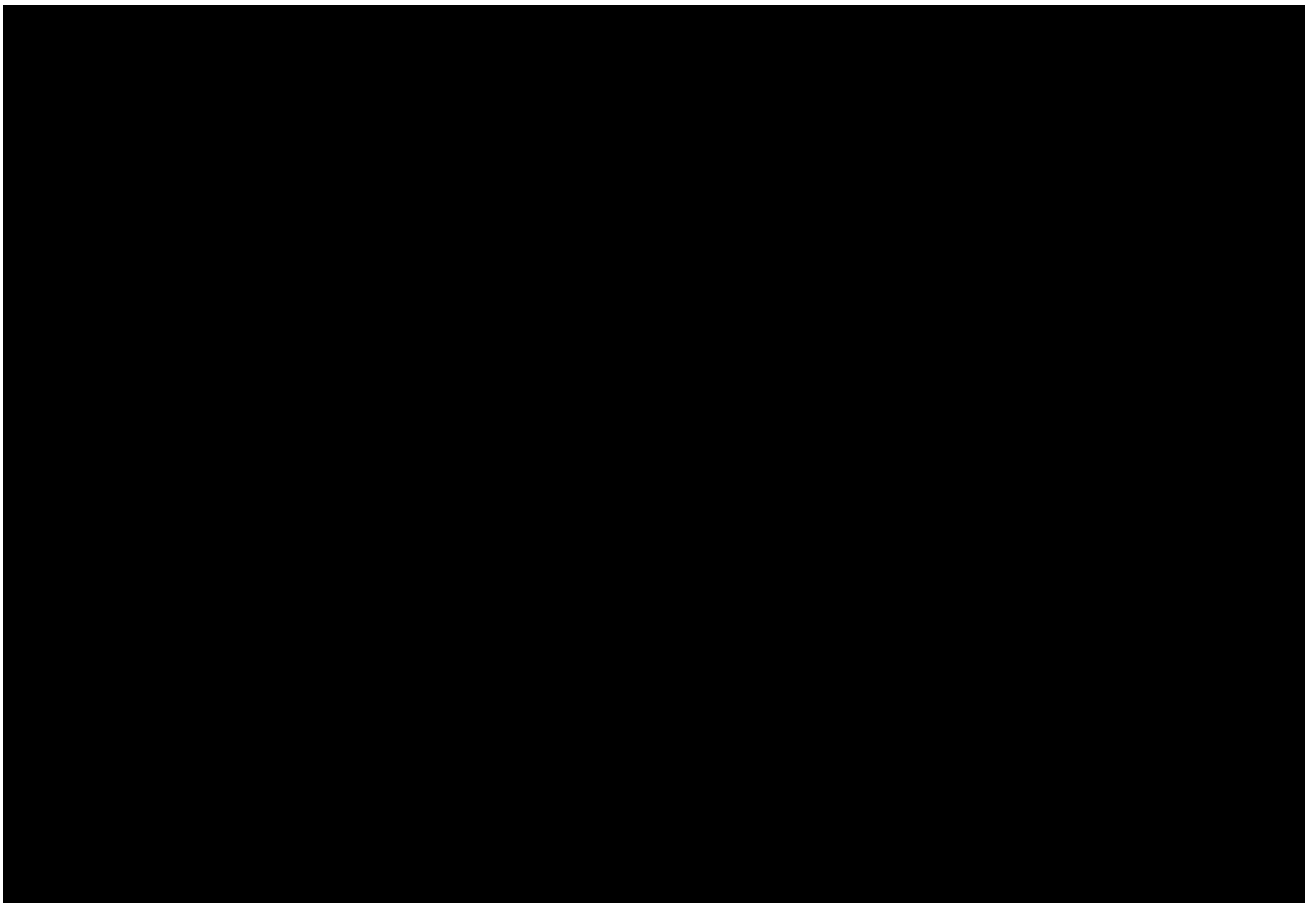
(vi) such Party consolidates or amalgamates with, or merges with or into, or transfers all or substantially all of its assets to, another entity and, at the time of such consolidation, amalgamation, merger or transfer, the resulting, surviving or transferee entity fails to assume all the obligations 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 generated by the Facility, except for Replacement Product;

(ii) the failure by Seller to achieve Commercial Operation by the date required under Section 3 of Exhibit B;

(iii) if not remedied within ten (10) days after Notice thereof, the failure by Seller to deliver a Remedial Action Plan required under Section 2.4;



(viii) with respect to any Guaranty provided for the benefit of Buyer, the failure by Seller to provide for the benefit of Buyer either (1) cash, (2) a replacement Guaranty from a different Guarantor meeting the criteria set forth in the definition of Guarantor, or (3) a replacement Letter of Credit from an 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) 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

(ix) 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.

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 (i) the Damage Payment (in the case of an Event of Default by Seller occurring before the Commercial Operation Date, including an Event of Default under Section 11.1(b)(ii) or (iv)) or (ii) the Termination Payment calculated in accordance with Section 11.3 below (in the case of any other Event of Default by either Party);

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

(d) to suspend performance; or

(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 **Termination Payment.** The termination payment (“**Termination Payment**”) for a Terminated Transaction 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. If the Non-Defaulting Party’s aggregate Gains exceed its aggregate Losses and Costs, if any, resulting from the termination of this Agreement, the net Settlement Amount shall be zero. The Non-Defaulting Party shall calculate, in a commercially reasonable manner, a Settlement Amount for the Terminated Transaction as of the Early Termination Date. Third parties supplying information for purposes of the calculation of Gains or Losses may include, without limitation, dealers in the relevant markets, end-users of the relevant product, information vendors and other sources of market information. The Settlement Amount shall not include consequential, incidental, punitive, exemplary, indirect or business interruption damages. Without prejudice to the Non-Defaulting Party’s duty to mitigate, the Non-Defaulting Party shall not have to enter into replacement transactions to establish a Settlement Amount. Each Party agrees and acknowledges that (a) the actual damages that the Non-Defaulting Party would incur in connection with a Terminated Transaction would be difficult or impossible to predict with certainty, (b) the Damage Payment or Termination Payment described in Section 11.2 or this Section 11.3 (as applicable) is a reasonable and appropriate approximation of such damages, and (c) the Damage Payment or

Termination Payment described in Section 11.2 or this Section 11.3 (as applicable) 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 the Damage Payment or Termination Payment (as applicable) as its remedy for an Event of Default by the Defaulting Party.

11.4 **Notice of Payment of Termination Payment.** As soon as practicable after a Terminated Transaction, Notice shall be given by the Non-Defaulting Party to the Defaulting Party of the amount of the Damage Payment or Termination Payment and whether the Termination Payment 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 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.** If the Defaulting Party disputes the Non-Defaulting Party's calculation of the Termination Payment, in whole or in part, the Defaulting Party shall, within five (5) Business Days of receipt of the Non-Defaulting Party's calculation of the Termination Payment, provide to the Non-Defaulting Party a detailed written explanation of the basis for such dispute. Disputes regarding the Termination Payment shall be determined in accordance with Article 15.

11.6 **Rights And Remedies Are Cumulative.** Except where an express and exclusive remedy or measure of liquidated damages is provided, 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.

ARTICLE 12 LIMITATION OF LIABILITY AND EXCLUSION OF WARRANTIES.

12.1 **No Consequential Damages.** EXCEPT TO THE EXTENT PART OF AN EXPRESS REMEDY OR MEASURE OF DAMAGES HEREIN, OR PART OF AN ARTICLE 16 INDEMNITY CLAIM, OR INCLUDED IN A LIQUIDATED DAMAGES CALCULATION, OR ARISING FROM FRAUD OR INTENTIONAL MISREPRESENTATION, 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.

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 OBLIGATOR’S LIABILITY SHALL BE LIMITED TO DIRECT DAMAGES ONLY.

TO THE EXTENT ANY DAMAGES REQUIRED TO BE PAID HEREUNDER ARE LIQUIDATED, INCLUDING UNDER SECTIONS 3.7, 4.7, 4.8, 11.2 AND 11.3, AND AS PROVIDED IN EXHIBIT B AND EXHIBIT G 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 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 the state of California and 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.

(f) As between Buyer and Seller, Seller will be responsible for obtaining all permits necessary to construct and operate the Facility, including to the extent applicable, Seller will be the applicant on any CEQA documents.

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, 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 (provided that such court is located within a venue permitted in law and under the Agreement), (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; provided, however that nothing in this Agreement shall waive the obligations or rights set forth in the California Tort Claims Act (Government Code Section 810 et seq.)

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

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 California and 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, approvals, and permits necessary for the operation of the Facility and for Seller 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 **Prevailing Wage.** Seller shall use reasonable efforts to ensure that all employees hired by Seller, and its contractors and subcontractors, that will perform construction work or provide services at the Site related to construction of the Facility are paid wages at rates not less than those prevailing for workers performing similar work in the locality as provided by applicable California law, if any ("**Prevailing Wage Requirement**"). Nothing herein shall require Seller, its contractors and subcontractors to comply with, or assume liability created by other inapplicable provisions of any California labor laws. Buyer agrees that Seller's obligations under this Section 13.4 will be satisfied upon the execution of a project labor agreement related to construction of the Facility.

13.5 **Workforce Development.** Seller shall perform the obligations related to workforce development and community investment set forth in Exhibit Q.

ARTICLE 14 ASSIGNMENT

14.1 **General Prohibition on Assignments.** Except as provided below, 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. Any Change of Control of Seller or direct or indirect change of control of Buyer (whether voluntary or by operation of law) will be deemed an assignment and will require the prior written consent of the other Party, which consent shall not be unreasonably withheld. 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, 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, which such agreement not to be unreasonably withheld, and must include, among others, the following provisions:

(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, if Lender has provided the notice set forth in subsection (c) below) 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 under this Agreement, 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 (i) meets the definition of Permitted Transferee and (ii) is an entity that Buyer is permitted to contract with under applicable Law; 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 Transfer by Seller.** Except as may be precluded by, or would cause Buyer to be in violation of the Political Reform Act, (Cal. Gov. Code section 81000 et seq.) or the regulations thereto, Cal. Government Code section 1090, Buyer's Conflict of Interest Code/Policy or any other conflict of interest Law, Seller may, without the prior written consent of Buyer, transfer or assign this Agreement, including through a Change of Control, to an Affiliate of Seller. In addition, Buyer's written consent will not be unreasonably withheld for the transfer or assignment of this Agreement, including through a Change of Control, to any Person succeeding to all or substantially all of the assets of Seller (whether voluntary or by operation of law and whether by assignment or Change of Control), 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 or Change of Control;
- (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 first sentence of this Section 14.3, no assignment or Change of Control 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 Buyer.

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, 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. 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 County of Alameda, California.

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, the parties shall submit the dispute to mediation prior to seeking any and all remedies available to it at Law in or equity. The Parties will cooperate in selecting a qualified neutral mediator selected from a panel of neutrals and in scheduling the time and place of the mediation as soon as reasonably possible, but in no event later than thirty (30) days after the request for mediation is made. The Parties agree to participate in the mediation in good faith and to share the costs of the mediation, including the mediator's fee, equally, but such shared costs shall not include each Party's own attorneys' fees and costs, which shall be borne solely by such Party. If the mediation is unsuccessful, then 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.

ARTICLE 16 INDEMNIFICATION

16.1 **Indemnity.** Each Party (the "**Indemnifying Party**") agrees to defend, indemnify and hold harmless the other Party, its directors, officers, agents, attorneys, employees and representatives (each an "**Indemnified Party**" and collectively, the "**Indemnified Group**") from and against all third party claims, demands, losses, liabilities, penalties, and expenses, including reasonable attorneys' and expert witness 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 (collectively, "**Indemnifiable Losses**").

(b) Nothing in this Section 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 obligations to pay claims consistent with the provisions of a valid insurance policy.

16.2 **Notice of Claim.** Subject to the terms of this Agreement and upon obtaining knowledge of an Indemnifiable Loss for which it is entitled to indemnity under this Article 16, the Indemnified Party will promptly Notify the Indemnifying Party in writing of any damage, claim, loss, liability or expense which Indemnified Party has determined has given or could give rise to an Indemnifiable Loss under Section 16.1 ("**Claim**"). The Notice is referred to as a "Notice of Claim". A Notice of Claim will specify, in reasonable detail, the facts known to Indemnified Party regarding the Indemnifiable Loss.

16.3 **Failure to Provide Notice.** A failure to give timely Notice or to include any specified information in any Notice as provided in this Section 16.3 will not affect the rights or obligations of any Party hereunder except and only to the extent that, as a result of such failure, any Party which was entitled to receive such Notice was deprived of its right to recover any payment under its applicable insurance coverage or was otherwise materially damaged as a direct result of such failure and, provided further, Indemnifying Party is not obligated to indemnify any member of the Indemnified Group for the increased amount of any Indemnifiable Loss which would otherwise have been payable to the extent that the increase resulted from the failure to deliver timely a Notice of Claim.

16.4 **Defense of Claims.** If, within ten (10) Business Days after giving a Notice of Claim regarding a Claim to Indemnifying Party pursuant to Section 16.2, Indemnified Party receives Notice from Indemnifying Party that Indemnifying Party has elected to assume the defense of such Claim, Indemnifying Party will not be liable for any legal expenses subsequently incurred by Indemnified Party in connection with the defense thereof; provided, however, that if Indemnifying Party fails to take reasonable steps necessary to defend diligently such Claim within ten (10) Business Days after receiving Notice from Indemnifying Party that Indemnifying Party believes Indemnifying Party has failed to take such steps, or if Indemnifying Party has not undertaken fully to indemnify Indemnified Party in respect of all Indemnifiable Losses relating to the matter, Indemnified Party may assume its own defense, and Indemnifying Party will be liable for all reasonable costs or expenses, including attorneys' fees, paid or incurred in connection therewith. Without the prior written consent of Indemnified Party, Indemnifying Party will not enter into any settlement of any Claim which would lead to liability or create any financial or other obligation on the part of Indemnified Party for which Indemnified Party is not entitled to indemnification hereunder; provided, however, that Indemnifying Party may accept any settlement without the consent of Indemnified Party if such settlement provides a full release to Indemnified Party and no requirement that Indemnified Party acknowledge fault or culpability. If a firm offer is made to settle a Claim without leading to liability or the creation of a financial or other obligation on the part of Indemnified Party for which Indemnified Party is not entitled to indemnification hereunder and Indemnifying Party desires to accept and agrees to such offer, Indemnifying Party will give Notice to Indemnified Party to that effect. If Indemnified Party fails to consent to such firm offer within ten (10) calendar days after its receipt of such Notice, Indemnified Party may continue to contest or defend such Claim and, in such event, the maximum liability of Indemnifying Party to such Claim will be the amount of such settlement offer, plus reasonable costs and expenses paid or incurred by Indemnified Party up to the date of such Notice.

16.5 **Subrogation of Rights.** Upon making any indemnity payment, Indemnifying Party will, to the extent of such indemnity payment, be subrogated to all rights of Indemnified Party against any Third Party in respect of the Indemnifiable Loss to which the indemnity payment relates; provided that until Indemnified Party recovers full payment of its Indemnifiable Loss, any and all claims of Indemnifying Party against any such Third Party on account of said indemnity payment are hereby made expressly subordinated and subjected in right of payment to Indemnified Party's rights against such Third Party. Without limiting the generality or effect of any other provision hereof, Buyer and Seller shall execute upon request all instruments reasonably necessary to evidence and perfect the above-described subrogation and subordination rights.

16.6 **Rights and Remedies are Cumulative.** Except for express remedies already

provided in this Agreement, the rights and remedies of a Party pursuant to this Article 16 are cumulative and in addition to the rights of the Parties otherwise provided in this Agreement.

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 Two Million Dollars (\$2,000,000) per occurrence, and an annual aggregate of not less than Two Million Dollars (\$5,000,000), endorsed to provide contractual liability in said amount, 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 Five Million Dollars (\$5,000,000). 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. 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 California 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) Contractor's Pollution Liability. Seller shall maintain or cause to be maintained during the construction of the Facility prior to the Commercial Operation Date, Pollution Legal Liability Insurance in the amount of Two Million Dollars (\$2,000,000) per occurrence and in the aggregate, naming Seller (and Lender if any) as additional named insured.

(g) Subcontractor Insurance. Seller shall require all of its subcontractors to carry the same levels of insurance as Seller. All subcontractors shall include Seller as an additional insured to (i) comprehensive general liability insurance; (ii) workers' compensation insurance and employers' liability coverage; and (iii) business auto insurance for bodily injury and property

damage. All subcontractors shall provide a primary endorsement and a waiver of subrogation to Seller for the required coverage pursuant to this Section 17.1(g).

(h) 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. These certificates shall specify that 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.

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. Confidential Information will retain its character as Confidential Information but may be disclosed by the recipient (the “**Receiving Party**”) if and to the extent such disclosure is required (a) to be made by any requirements of Law, (b) pursuant to an order of a court or (c) in order to enforce this Agreement. If the Receiving Party becomes legally compelled (by interrogatories, requests for information or documents, subpoenas, summons, civil investigative demands, or similar processes or otherwise in connection with any litigation or to comply with any applicable law, order, regulation, ruling, regulatory request, accounting disclosure rule or standard or any exchange, control area or independent system operator rule) to disclose any Confidential Information of the disclosing Party (the “**Disclosing Party**”), Receiving Party shall provide Disclosing Party with prompt notice so that Disclosing Party, at its sole expense, may seek an appropriate protective order or other appropriate remedy. If the Disclosing Party takes no such action after receiving the foregoing notice from the Receiving Party, the Receiving Party is not required to defend against such request and shall be permitted to disclose such Confidential Information of the Disclosing Party, with no liability for any damages that arise from such disclosure. Each Party hereto acknowledges and agrees that information and documentation provided in connection with this Agreement may be subject to the California Records Act (Government Code Section 6250 et seq.).

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 **Disclosure to Lenders, Etc.** Notwithstanding anything to the contrary in this Article 18, Confidential Information may be disclosed by Seller to any actual or potential Lender or any of its Affiliates, and Seller's actual or potential agents, consultants, contractors, or trustees, so long as the Person to whom Confidential Information is disclosed agrees in writing to be bound by the confidentiality provisions of 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 Party 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) or, to the extent set forth herein, any Lender 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; Electronic Signatures**. 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. The Parties may rely on electronic, facsimile or scanned signatures as originals. Delivery of an executed signature page of this Agreement by electronic transmission (including facsimile and email transmission of a PDF image) shall be the same as delivery of an original executed signature page.

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

19.9 **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 or Buyer or its constituent members, in connection with this Agreement.

19.10 **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.

19.11 **Further Assurances**. Each of the Parties hereto agree 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.

TULARE SOLAR CENTER, LLC

By: _____
Name: _____
Title: _____

**EAST BAY COMMUNITY ENERGY
AUTHORITY, a California joint powers
authority**

By: _____
Name: _____
Title: _____

Approved as to form:

By: _____
Name: _____
Title: _____

EXHIBIT A

FACILITY DESCRIPTION

Site Name: Luciana

Site includes all or some of the following APNs: 339-110-010, 339-140-001, 339-140-008, 339-140-015, 339-110-022

County: Tulare

CEQA Lead Agency: County of Tulare

Type of Generating Facility: Photovoltaic facility

Operating Characteristics of Generating Facility: Following commissioning activities, and without excusing Seller's obligations under this Agreement, the Parties acknowledge the Project would be made available to the contracting entity on an "as-available" basis; that is, it would generate during daylight hours, for all days of the year. Although local monitoring and control of the Project will be possible, typical monitoring and control of the Project will be performed by an offsite operator. The remote operator will respond to alerts or alarms generated by the Project's monitoring equipment, and will dispatch operations, maintenance, or emergency response personnel to the site as necessary.

Guaranteed Capacity: 55.83MW (net, at the Delivery Point)

Maximum Output: Guaranteed Capacity

Delivery Point: Facility P-node, which is the Vestal substation, CAISO ID: VESTAL_6_N006

Participating Transmission Owner: Southern California Edison

EXHIBIT B

MAJOR PROJECT DEVELOPMENT MILESTONES AND COMMERCIAL OPERATION

1. **Major Project Development Milestones.**

- a. **“Construction Start”** will occur upon Seller’s execution of an engineering, procurement, and construction contract (or similar agreement) and issuance thereunder of a notice to proceed that authorizes the contractor to mobilize to Site and begin physical construction at the Site. 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 by Seller shall be the **“Construction Start Date.”** Seller shall cause Construction Start to occur no later than the Guaranteed Construction Start Date.
- b. **“Major Project Development Milestone”** means either the Guaranteed Construction Start Date or the Executed Interconnection Agreement Milestone. If Construction Start is not achieved by the Guaranteed Construction Start Date, or the Interconnection Agreement is not signed by Seller on or before the Executed Interconnection Agreement Milestone, Seller shall pay Daily Delay Damages to Buyer for each day for which a Major Project Development Milestone has not been completed. Daily Delay Damages will be calculated separately and accrue independently for each Major Project Development Milestone. Daily Delay Damages shall be payable to Buyer by Seller until Seller completes both Major Project Development Milestone; provided that in no event shall Seller be obligated to pay aggregate Daily Delay Damages in excess of the Initial 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. Daily Delay Damages shall be refundable to Seller pursuant to Section 2(b) of this Exhibit B. 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 Major Project Development Milestones, 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.

2. **Commercial Operation of the Facility.** **“Commercial Operation”** means the condition existing when (i) 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”**), (ii) Seller has notified Buyer in writing that it has provided the required documentation to Buyer and met the conditions for achieving Commercial Operation, and (iii) Buyer has acknowledged to Seller in writing that Buyer agrees that Commercial Operation has been achieved. Buyer’s failure to respond to Seller’s Notice within five (5)

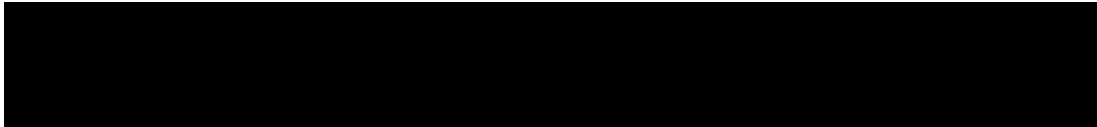
Business Days shall be deemed approval of Seller's COD Certificate. If Buyer disagrees that Commercial Operation has occurred following receipt of the Notice, it shall within such five (5) Business Day period, deliver to Seller a valid detailed explanation as to why it believes that Commercial Operation has not occurred. Seller shall then remedy Buyer's concern, if valid, and the Notice process of above shall repeat until Buyer has approved Seller's COD Certificate or a deemed approval occurs. Upon Buyer's approval or deemed approval, Buyer shall provide Seller with written acknowledgement of the COD upon request. The "**Commercial Operation Date**" shall not occur prior to sixty (60) days prior to the Expected Commercial Operation Date.

- a. Seller shall cause Commercial Operation for the Facility to occur by 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 achieves Commercial Operation by the Guaranteed Commercial Operation Date, all Daily Delay Damages paid by Seller shall be refunded to Seller. Seller shall include a request for refund of the Daily Delay Damages with the first invoice to Buyer after Commercial Operation.
- c. 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. The Parties agree that Buyer's receipt of Commercial Operation Delay Damages shall be Buyer's sole and exclusive remedy for Seller's unexcused 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 declare an Event of Default under Section 11.2(b)(ii) and receive a Damage Payment upon exercise of Buyer's default right pursuant to Section 11.2.

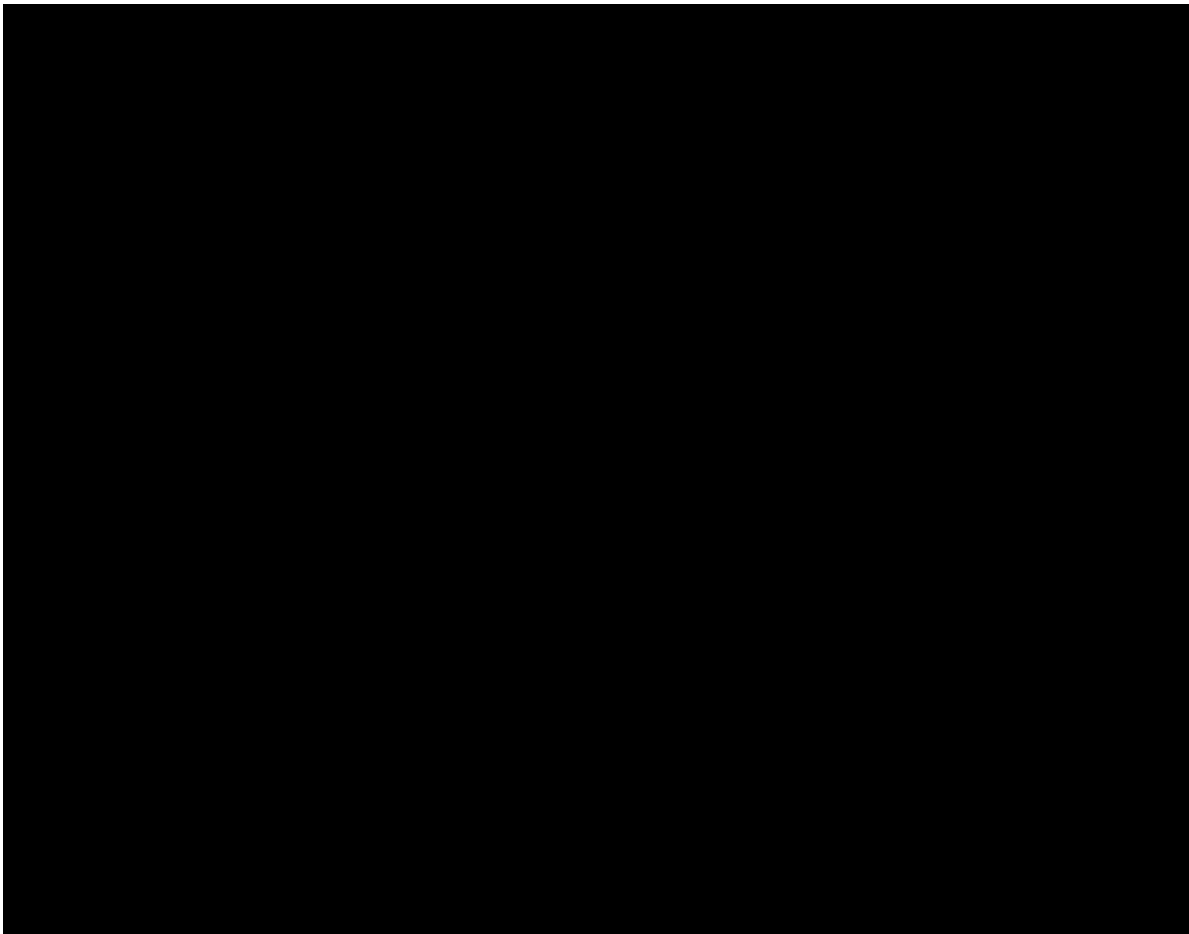
3. **Termination for Failure to Achieve Commercial Operation.**

[REDACTED]

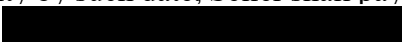
[REDACTED]



4. **Extension of the Guaranteed Dates.** 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:



Seller shall give Buyer notice promptly following Seller’s receipt of notice of any delays with respect to the Interconnection Facilities and/or the Network Upgrades that would reasonably be expected to lead to a Development Cure Period.

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 one hundred twenty (120) days after the Commercial Operation Date to install additional capacity 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, Seller shall pay “**Capacity Damages**” to Buyer, in an amount equal to 

[REDACTED] that the Guaranteed Capacity exceeds the Installed Capacity, and the Guaranteed Capacity and other applicable portions of the Agreement shall be adjusted accordingly.

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 and Buyer shall replenish the Initial Development Security to its full amount within five (5) Business Days after such draw.

EXHIBIT C
COMPENSATION

Buyer shall compensate Seller for the Product in accordance with this Exhibit C.

(a) Contract Price. Buyer shall pay Seller the Contract Price for each MWh of Facility Energy, plus Deemed Delivered Energy, if any, up to [REDACTED] of the Expected Energy for such Contract Year.

(b) Delivery Point Adjustment. During the Delivery Term, each monthly invoice shall include a Monthly Delivery Point Adjustment Amount. “**Monthly Delivery Point Adjustment Amount**” means, with respect to each applicable Settlement Period or Settlement Interval during a calendar month during the Delivery Term, an amount calculated by Buyer as follows:

$$(QDA * DA LMP Adjustment) + (QFMM * FMM LMP Adjustment) + (QRT * RT LMP Adjustment) + (QUIE * UIE LMP Adjustment)$$

Where:

QDA= Total volume that clears in the CAISO Day-Ahead Market for the Facility.

QFMM = Total volume that clears in the CAISO FMM for the Facility.

QRT = Total volume that clears in the CAISO as Real-Time Instructed Energy for the Facility.

QUIE = Total volume that clears in the CAISO as Uninstructed Imbalance Energy for the Facility.

DA LMP Adjustment = CAISO Day-Ahead LMP price at the Delivery Point, less the CAISO Day-Ahead LMP price at the Settlement Point, expressed in \$/MWh.

FMM LMP Adjustment = CAISO FMM LMP price at the Delivery Point, less the CAISO Hour-Ahead LMP price at the Settlement Point, expressed in \$/MWh.

RT LMP Adjustment = CAISO Real-Time LMP price at the Delivery Point, less the CAISO Real-Time LMP price at the Settlement Point, expressed in \$/MWh.

UIE LMP Adjustment = CAISO Real-Time LMP price at the Delivery Point, less the CAISO Real-Time LMP price at the Settlement Point, expressed in \$/MWh.

“**Settlement Point**” means PG&E DLAP.

If the Monthly Delivery Point Adjustment Amount is greater than zero United States Dollars (\$0), Buyer will pay to Seller the Monthly Delivery Point Adjustment Amount. If the Monthly Delivery Point Adjustment Amount is less than zero United States Dollars (\$0), Seller will pay to Buyer the absolute value of the Monthly Delivery Point Adjustment Amount. If the Monthly Delivery Point

Adjustment Amount equals zero United States Dollars (\$0), no amount will be payable by either Party for such month.

(c) Excess Contract Year Deliveries Over [REDACTED]. If, at any point in any Contract Year, the amount of Facility Energy plus the amount of Deemed Delivered Energy exceeds [REDACTED] of the Expected Energy for such Contract Year, the price to be paid for additional Facility Energy or Deemed Delivered Energy shall be \$0.00/MWh.

(d) Excess Settlement Interval Deliveries. If during any Settlement Interval, Seller delivers Product amounts, as measured by the amount of Facility Energy, in excess of the product of the Guaranteed Capacity (as adjusted pursuant to Section 13.9 of the SCE WDAT Tariff) and the duration of the Settlement Interval, expressed in hours ("Excess MWh"), then the price applicable to all such excess MWh in such Settlement Interval shall be zero dollars (\$0), and if there is a Negative LMP during such Settlement Interval, Seller shall pay to Buyer an amount equal to the absolute value of the Negative LMP times such excess MWh ("Negative LMP Costs").

(e) Curtailment Payments. Seller shall receive no compensation from Buyer for (i) Delivered Energy or Deemed Delivered Energy during any Curtailment Period and (ii) Deemed Delivered Energy in amounts below the Curtailment Cap. Buyer shall pay for Deemed Delivered Energy above the Curtailment Cap at the applicable Contract Price.

(f) Test Energy. Test Energy is compensated in accordance with Section 3.6.

(g) Tax Credits. The Parties agree that the neither the Contract Price nor the Test Energy Rate are subject to adjustment or amendment if Seller fails to receive any Tax Credits, or if any Tax Credits expire, are repealed or otherwise cease to apply to Seller or the Facility in whole or in part, or Seller or its investors are unable to benefit from any Tax Credits. Seller shall bear all risks, financial and otherwise, throughout the Contract Term, associated with Seller's or the Facility's eligibility to receive Tax Credits or to qualify for accelerated depreciation for Seller's accounting, reporting or Tax purposes. The obligations of the Parties hereunder, including those obligations set forth herein regarding the purchase and price for and Seller's obligation to deliver Facility Energy and Product, shall be effective regardless of whether the sale of Facility Energy is eligible for, or receives Tax Credits during the Contract Term.

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 Test 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 or real time basis, 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, 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, and other charges) and shall be entitled to all CAISO revenues (including credits, Imbalance Energy revenues, 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.

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 likely to potentially 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. Prevailing wage reports as required by Law.
12. 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.
13. 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.
14. Supplier Diversity Reporting (if applicable). Format to be provided by Buyer.
15. Any other documentation reasonably requested by Buyer.

EXHIBIT F-1

AVERAGE EXPECTED ENERGY

[Average Expected Energy, MWh Per Hour]

	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
JAN																								
FEB																								
MAR																								
APR																								
MAY																								
JUN																								
JUL																								
AUG																								
SEP																								
OCT																								
NOV																								
DEC																								

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

AVAILABLE CAPACITY

[Available Generating Capacity, 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.

EXHIBIT G

GUARANTEED ENERGY PRODUCTION DAMAGES CALCULATION

In accordance with Section 4.7, if Seller fails to achieve the Guaranteed Energy Production during any Performance Measurement Period, a liquidated damages payment shall be due from Seller to Buyer, calculated as follows:

$$[(A - B) * (C - D)]$$

where:

A = the Guaranteed Energy Production amount for the Performance Measurement Period, in MWh

B = the Adjusted Energy Production amount for the Performance Measurement Period, in MWh

C = Replacement price for the Contract Year, in \$/MWh, which is the sum of (a) the simple average of the hourly price for all Reference Hours in the Performance Measurement Period, as published by the CAISO, for the PG&E DLAP (or its successor), plus [REDACTED]

D = the Contract Price for the Contract Year, in \$/MWh

No payment shall be due if the calculation of (A - B) or (C - D) yields a negative number.

Within sixty (60) days after each Contract Year, Buyer will send Seller Notice of the amount of damages owing, if any, which shall be payable to Buyer before the later of (a) thirty (30) days of such Notice and (b) ninety (90) days after each Performance Measurement Period.

As used above:

“**Adjusted Energy Production**” shall mean the sum of the following: Facility Energy + Deemed Delivered Energy + Lost Output + Replacement Product.

“**Lost Output**” has the meaning given in Section 4.7 of the Agreement. The Lost Output shall be calculated in the same manner as Deemed Delivered Energy is calculated, in accordance with the definition thereof.

“**Replacement Capacity Attributes**” means Capacity Attributes, if any, equivalent to those that would have been provided by the Facility during the Performance Measurement Period for which the Replacement Product is being provided.

“**Replacement Energy**” means energy produced by a facility other than the Facility that, at the time delivered to Buyer, qualifies under Public Utilities Code 399.16(b)(1), and has Green Attributes that have the same or comparable value, including with respect to the timeframe for

retirement of such Green Attributes, if any, as the Green Attributes that would have been generated by the Facility during the Contract Year for which the Replacement Energy is being provided.

“Replacement Green Attributes” means Renewable Energy Credits of the same Portfolio Content Category (i.e., PCC1) as the Green Attributes portion of the Product and of the same timeframe for retirement as the Renewable Energy Credits that would have been generated by the Facility during the Performance Measurement Period for which the Replacement Green Attributes are being provided.

“Replacement Product” means (a) Replacement Energy, (b) Replacement Capacity Attributes, and (c) Replacement Green Attributes.

EXHIBIT H

FORM OF COMMERCIAL OPERATION DATE CERTIFICATE

This certification (“**Certification**”) of Commercial Operation is delivered by _____ [*licensed professional engineer*] (“**Engineer**”) to East Bay Community Energy Authority, a California joint powers authority (“**Buyer**”) in accordance with the terms of that certain Renewable Power Purchase 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 Generating Facility is fully operational, reliable and interconnected, fully integrated and synchronized with the Transmission System.
2. Seller has installed equipment for the Generating Facility with a nameplate capacity of no less than ninety-five percent (95%) of the Guaranteed Capacity.
3. The Generating Facility’s testing included a performance test demonstrating peak electrical output of no less than ninety-five (95%) of the Guaranteed Capacity for the Generating Facility at the Delivery Point, as adjusted for ambient conditions on the date of the Facility testing, and such peak electrical output, as adjusted, was [peak output in MW].
4. Authorization to parallel the Facility was obtained by the Participating Transmission Provider, [Name of Participating Transmission Owner as appropriate] on ___ [DATE]____.
5. The Transmission Provider has provided documentation supporting full unrestricted release for Commercial Operation by [Name of Participating Transmission Owner as appropriate] on _____ [DATE]_____.

5.1 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 CERTIFICATE

This certification ("**Certification**") of Installed Capacity is delivered by [licensed professional engineer] ("**Engineer**") to East Bay Community Energy Authority, a California joint powers authority ("**Buyer**") in accordance with the terms of that certain Renewable Power Purchase 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 the following:

(i) The performance test for the Generating Facility demonstrated peak electrical output of __ MW AC at the Delivery Point, as adjusted for ambient conditions on the date of the performance test ("**Installed Capacity**");

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 East Bay Community Energy Authority, a California joint powers authority (“**Buyer**”) in accordance with the terms of that certain Renewable Power Purchase 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 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:

_____.

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

[Issuing Bank Letterhead and Address]

IRREVOCABLE STANDBY LETTER OF CREDIT NO. [XXXXXXXX]

Date:
Bank Ref.:
Amount: US\$[XXXXXXXXXX]
Expiry Date:

Beneficiary:

East Bay Community Energy Authority, a California joint powers authority
1111 Broadway, Suite 300
Oakland, CA 94607

Ladies and Gentlemen:

By the order of _____ (“Applicant”), we, [insert bank name and address] (“Issuer”) hereby issue our Irrevocable Standby Letter of Credit No. [XXXXXXXX] (the “Letter of Credit”) in favor of East Bay Community Energy Authority, a California joint powers authority (“Beneficiary”), 1111 Broadway, Suite 300, Oakland, CA 94607, for an amount not to exceed the aggregate sum of U.S. \$[XXXXXXXX] (United States Dollars [XXXXXX] and 00/100), pursuant to that certain Renewable Power Purchase Agreement dated as of _____ and as amended (the “Agreement”) between Applicant and Beneficiary. This Letter of Credit shall become effective immediately and shall expire on _____, 201_.

Funds under this Letter of Credit are available to you against your draft(s) drawn on us at sight, referencing thereon our Letter of Credit No. [XXXXXXXX] accompanied by your dated statement purportedly signed by your duly authorized representative, in the form attached hereto as Exhibit A, containing one of the two alternative paragraphs set forth in paragraph 2 therein.

We hereby agree with the Beneficiary that all drafts drawn under and in compliance with the terms of this Letter of Credit, that such drafts will be duly honored upon presentation to the drawee at [insert bank address]. Payment shall be made by Issuer in U.S. dollars with Issuer’s own immediately available funds.

Partial draws are permitted under this Letter of Credit.

It is a condition of this Letter of Credit that it shall be deemed automatically extended without an amendment for a one year period beginning on the present expiry date hereof and upon each

anniversary for such date, unless at least one hundred twenty (120) days prior to any such expiry date we have sent to you written notice by overnight courier service that we elect not to extend this Letter of Credit, in which case it will expire on its the date specified in such notice. No presentation made under this Letter of Credit after such expiry 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.

This Letter of Credit is subject to the Uniform Customs and Practice for Documentary Credits (2007 Revision) International Chamber of Commerce Publication No. 600 (the "UCP"), except to the extent that the terms hereof are inconsistent with the provisions of the UCP, including but not limited to Articles 14(b) and 36 of the UCP, in which case the terms of this Letter of Credit shall govern. In the event of an act of God, riot, civil commotion, insurrection, war or any other cause beyond Issuer's control (as defined in Article 36 of the UCP) that interrupts Issuer's business and causes the place for presentation of the Letter of Credit to be closed for business on the last day for presentation, the expiry date of the Letter of Credit will be automatically extended without amendment to a date thirty (30) calendar days after the place for presentation reopens for business.

Please address all correspondence regarding this Letter of Credit to the attention of the Letter of Credit Department at [insert bank address information], 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.

[Bank Name]

[Insert officer name]
[Insert officer title]

(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 East Bay Community Energy Authority, a California joint powers authority, 1111 Broadway, Suite 300, Oakland, CA 94607, 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 Renewable Power Purchase 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.
3. The undersigned is a duly authorized representative of East Bay Community Energy Authority, a California joint powers authority 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 East Bay Community Energy Authority, a California joint powers authority by wire transfer in immediately available funds to the following account:

[Specify account information]

East Bay Community Energy Authority

Name and Title of Authorized Representative

Date _____

EXHIBIT L

FORM OF GUARANTY

This Guaranty (this “Guaranty”) is entered into as of [_____] (the “Effective Date”) by and between [_____] a [_____] (“Guarantor”), and East Bay Community Energy Authority, 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 Renewable Power Purchase 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 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 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*][*corporate*] 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 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 Alameda, 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.

[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 East Bay Community Energy Authority, a California joint powers authority (“**Buyer**”) in accordance with the terms of that certain Renewable Power Purchase 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 3.8(b) of the Agreement, Seller hereby provides the below Replacement RA product information:

Unit Information¹

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		

¹ To be repeated for each unit if more than one.

[*SELLER ENTITY*]

By: _____

Its: _____

Date: _____

EXHIBIT N
NOTICES

<p>Tulare Solar Center, LLC, a Delaware limited liability company (“Seller”)</p>	<p>EAST BAY COMMUNITY ENERGY AUTHORITY, a California joint powers authority (“Buyer”)</p>
<p>All Notices:</p> <p>Street: 101 Metro Drive, Suite 320 City: San Jose, CA Attn: Cary Vandenberg, Managing Director</p> <p>Phone: (415)814-5253 Facsimile: (408)762-4400 Email: cary.vandenberg@solar-frontier.com</p> <p>With a copy to:</p> <p>Street: 50 California Street, #820 City: San Francisco, CA Attn: Tulare Solar Center, LLC – Legal Department</p> <p>Phone: (415)230-5601 Facsimile:(415)789-4338 Email:</p>	<p>All Notices:</p> <p>Street: 1111 Broadway, Suite 300 City: Oakland, CA 94607 Attn: Howard Chang, Chief Operating Officer Phone: (510) 809-7458 Email: hchang@ebce.org</p> <p>With a copy to:</p> <p>EBCE General Counsel 1111 Broadway, Suite 300 Oakland, CA 94607 Email: legal@ebce.org</p> <p>With an additional copy to:</p> <p>Hall Energy Law PC PO Box 10406 Portland, Oregon 97296 Attn: Stephen Hall Phone: (503) 477-9354 Email: steve@hallenergylaw.com</p>
<p>Reference Numbers:</p> <p>Duns: Federal Tax ID Number: [REDACTED]</p>	<p>Reference Numbers:</p> <p>Duns: [REDACTED] Federal Tax ID Number: [REDACTED]</p>
<p>Invoices:</p> <p>Attn: Jeremy Yates, Operations Manager Phone: (415)200-4861 Facsimile: (415)789-4338 E-mail: Jeremy.yates@solar-frontier.com</p>	<p>Invoices:</p> <p>Attn: Bill Her, Director of Power Resources Phone: (510) 361-6247 E-mail: bher@ebce.org; ap@ebce.org</p>

<p>Tulare Solar Center, LLC, a Delaware limited liability company ("Seller")</p>	<p>EAST BAY COMMUNITY ENERGY AUTHORITY, a California joint powers authority ("Buyer")</p>
<p>Scheduling: Attn: Jeremy Yates, Operations Manager Phone: (415)200-4861 Facsimile: (415)789-4338 E-mail: Jeremy.yates@solar-frontier.com</p>	<p>Scheduling: Attn: NCPA c/o Ken Goeke, Manager, Portfolio and Administration Phone: (916) 781-4290 Email: ken.goeke@ncpa.com</p>
<p>Confirmations: Attn: Jeremy Yates, Operations Manager Phone: (415)200-4861 Facsimile: (415)789-4338 E-mail: Jeremy.yates@solar-frontier.com</p>	<p>Confirmations: Attn: Bill Her, Director of Power Resources Phone: (510) 361-6247 E-mail: bher@ebce.org</p>
<p>Payments: Attn: Jeremy Yates, Operations Manager Phone: (415)200-4861 Facsimile: (415)789-4338 E-mail: Jeremy.yates@solar-frontier.com</p>	<p>Payments: Attn: Jason Bartlett, Finance Manager Phone: 510-650-7584 E-mail: AP@ebce.org; jbartlett@ebce.org</p>
<p>Wire Transfer: BNK: Mizuho Bank, Ltd. ABA: 026004307 ACCT: *****1317</p>	<p>Wire Transfer: BNK: River City Bank ABA: 121133416 ACCT: *****3199</p>
<p>With additional Notices of an Event of Default to:</p> <p>Attn: Mark Wong, VP of Transactions 50 California St., #820 San Francisco, CA 94111 Phone: (858) 705-7373 E-mail: mark.m.wong@solar-frontier.com</p>	<p>With additional Notices of an Event of Default to:</p> <p>Howard Chang, Chief Operating Officer 1111 Broadway, Suite 300 Oakland, CA 94607 Phone: (510) 809-7458 Email: hchang@ebce.org</p> <p>With a copy to: -Email: legal@ebce.org</p>
<p>Emergency Contact: Attn: Jeremy Yates, Operations Manager Phone: (415)200-4861 Facsimile: (415)789-4338 E-mail: Jeremy.yates@solar-frontier.com</p>	<p>Emergency Contact: Attn: Howard Chang, Chief Operating Officer Phone: (510) 809-7458 E-mail: hchang@ebce.org</p>

EXHIBIT O
OPERATING RESTRICTIONS

N/A

EXHIBIT P
METERING DIAGRAM

EXHIBIT Q

WORKFORCE DEVELOPMENT

1. Seller is party to a Letter Agreement dated October 21, 2014 among Seller, as “Primary Employer”, and IBEW Local 100, Ironworkers Local 155, Operating Engineers, Local 3, Laborers Local 294 and Carpenters Local 701, in respect of the construction of the Facility.
2. Seller shall provide Buyer with [REDACTED] (the “CI Fund”), which CI Fund shall be allocated for the benefit of the member-communities of Buyer at the discretion of the EBCE board; provided provided that the CI Fund shall not be allocated in a manner that is inconsistent with the applicable provisions of law pertaining to conflicts of interest, including the California Political Reform Act (Gov. Code §§ 87100 et seq.) and California Government Code Section 1090.

RESOLUTION EBCE R-2019-

**A RESOLUTION OF THE BOARD OF DIRECTORS
OF THE EAST BAY COMMUNITY ENERGY AUTHORITY APPROVING
AN AGREEMENT WITH TULARE SOLAR CENTER, LLC**

WHEREAS, the East Bay Community Energy Authority (“EBCE”) was formed pursuant to a Joint Powers Agreement to study, promote, develop, conduct, operate, and manage energy programs in Alameda County; and

WHEREAS, the EBCE issued an open and competitive solicitation, the CA Renewable Energy RFP (the “RFP”), in June 2018 to solicit several hundred MWs of contracts with renewable energy projects located in CA.

WHEREAS, Solar Frontier Americas, the developer of the project, proposed a newly constructed 55.83MWac solar PV project in Tulare County, CA for a 15-year contract in which EBCE procures all output including energy, RECs, and RA that is generated from the project; and

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE EAST BAY COMMUNITY ENERGY AUTHORITY, DOES HEREBY RESOLVE AS FOLLOWS:

SECTION 1. The material terms of the Agreement by and between Tulare Solar Center, LLC and East Bay Community Energy Authority attached as Exhibit A are hereby approved.

SECTION 2. The CEO is hereby authorized to execute the Agreement in substantially the form attached, with any non-substantive clarifying or clerical changes proposed by the CEO and approved by General Counsel.

ADOPTED AND APPROVED this 5th day of June, 2019.

Scott Haggerty, Chair

ATTEST:

Stephanie Cabrera, Clerk of the Board

RESOLUTION EBCE R-2019-

**A RESOLUTION OF THE BOARD OF DIRECTORS
OF THE EAST BAY COMMUNITY ENERGY AUTHORITY APPROVING
AN AGREEMENT WITH VISTRA ENERGY**

WHEREAS, the East Bay Community Energy Authority (“EBCE”) was formed pursuant to a Joint Powers Agreement to study, promote, develop, conduct, operate, and manage energy programs in Alameda County; and

WHEREAS, the EBCE was joined by PG&E to create an open and competitive solicitation, the Oakland Clean Energy Initiative (the “RFP”), which is a joint RFP that was issued to solicit resource adequacy from clean resources in downtown Oakland and local transmission related reliability needs; and

WHEREAS, Vistra Energy, the developer of the project, proposed a 20MW battery storage system in downtown Oakland, CA for a 10-year contract in which EBCE procures local Greater Bay Area resource adequacy.

WHEREAS, the project is expected to be operational January 1, 2022.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE EAST BAY COMMUNITY ENERGY AUTHORITY, DOES HEREBY RESOLVE AS FOLLOWS:

SECTION 1. The material terms of the Agreement by and between _____ and East Bay Community Energy Authority attached as Exhibit A are hereby approved.

SECTION 2. The CEO is hereby authorized to execute the Agreement in substantially the form attached, with any clarifying or clerical changes proposed by the CEO and approved by General Counsel.

ADOPTED AND APPROVED this 5th day of June, 2019.

Scott Haggerty, Chair

ATTEST:

Stephanie Cabrera, Clerk of the Board



Energy+Environmental Economics



EBCE Board Meeting

Overview of Risks and Opportunities

June 5, 2019

Ren Orans



- + 100% RPS Vs 100% Carbon Free** **40 minutes**
 - Definition and cost differences
 - Integration challenges and solutions
 - Cost differences between different technologies
- + Capacity Needs** **15 minutes**
 - Storage vs Natural Gas
- + Clean Energy Roadmap** **20 minutes**
 - 2030 and 2050 Targets
- + Next Steps** **10 minutes**



Energy+Environmental Economics

100% RPS Vs. 100% Carbon Free



SB 100: The path to 100%

+ California Renewables Portfolio Standard (RPS)

- 60% RPS by 2030
- 100% GHG-free by 2045

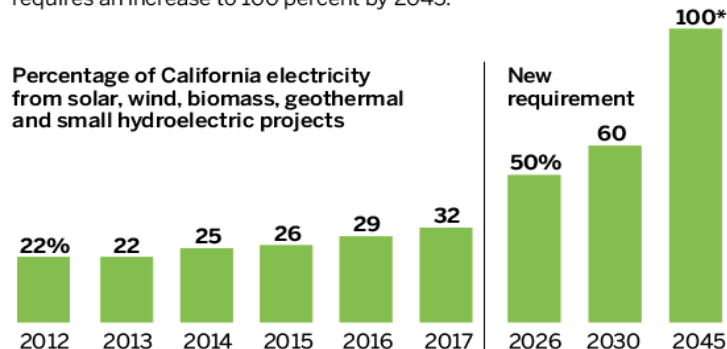
+ Energy Storage Procurement Requirements

- Statewide target: 1,325 MW
- Individual targets: 1% of annual 2020 peak load

RENEWABLE ENERGY GROWTH IN CALIFORNIA

California receives 32 percent of its electricity from solar, wind and other renewable sources. A new law signed Monday by Gov. Jerry Brown requires an increase to 100 percent by 2045.

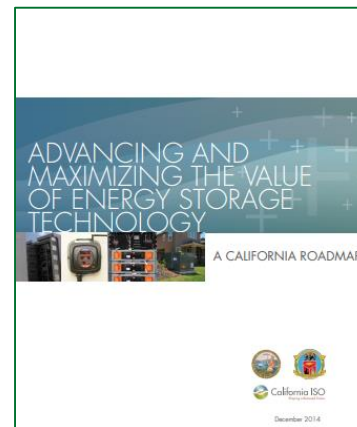
Percentage of California electricity from solar, wind, biomass, geothermal and small hydroelectric projects



*"Non-carbon" sources like nuclear and large dams also can provide up to 40 percent.

Source: California Energy Commission

BAY AREA NEWS GROUP





There are multiple ways to interpret SB100

“...it is the policy of the state that eligible renewable energy resources and zero-carbon resources supply 100% of retail sales of electricity to California end-use customers and 100% of electricity procured to serve all state agencies by December 31, 2045. The bill would require that the achievement of this policy for California not increase carbon emissions elsewhere in the western grid and that the achievement not allow resource shuffling.”

- + **Bill text refers to retail sales, which would allow 7 - 8% (T&D losses) of wholesale generation to come from non renewable or carbon intensive resources**
- + **California could continue to retain renewable energy credits, which are the zero carbon attribute of renewables generation, associated with exported power**
 - This is similar to current accounting under RPS rules
- + **Not increasing carbon emissions elsewhere could be implemented through current CARB accounting rules for imports**
 - Assumes all imported generation into California has an emissions intensity equivalent to gas-fired electricity (0.428 ton/MWh)
- + **Text requires that load serving entities meet 50% RPS goal by 2025, 60% by 2030 and the 100% by 2045**

RPS+



SB100 may not mean zero emissions in the electric sector

- + **100% clean retail sales requirement could allow 7-8% generation to come from non-emissions free resources**
 - For example, gas resources could be used for balancing at the wholesale level
- + **The emissions constraints could be interpreted as net zero, or absolute zero**
 - Net zero emissions accounting would allow for the California grid to be SB100 compliant if imports from neighboring regions could be offset with clean energy exports
 - Absolute zero emissions accounting would require California to almost operate as an island because imports would be assumed to be carbon-intensive
- + **To reflect these interpretations, E3 has used RESOLVE to model a range of carbon emissions permitted in the electric sector, all meeting SB100 defined in RPS+ terms**
 - To meet SB100, California is allowed to retain RECs associated with exported renewables; SB100 requirement is defined based on retail sales
 - In addition, the electric sector has to meet emissions targets based on emissions stringency case ranging from absolute 0 emissions to ~13 MMT in 2045



Energy+Environmental Economics

California 100% Renewable Electricity Study



Key Findings

- 1. Achieving California's GHG goals will require transformative change in all sectors of the economy, including very high levels of renewable electricity generation**
 - Decarbonization PATHWAYS analysis indicates that at least 80% renewable electricity is needed to meet 2050 goals, but complete decarbonization is unnecessary
- 2. The electricity sector must play a large role in decarbonizing other sectors**
 - Electrification of vehicles, buildings and industry enable emissions reductions in other sectors but result in significantly higher electric loads
 - Higher electricity rates make electrification more difficult to achieve
- 3. Renewable resource levels above 80% result in higher electric rates, with uncertain economy-wide benefits**
 - Electricity costs vary widely depending on the availability and effectiveness of integration solutions
 - Achieving zero emissions in electricity is costly and may be counterproductive



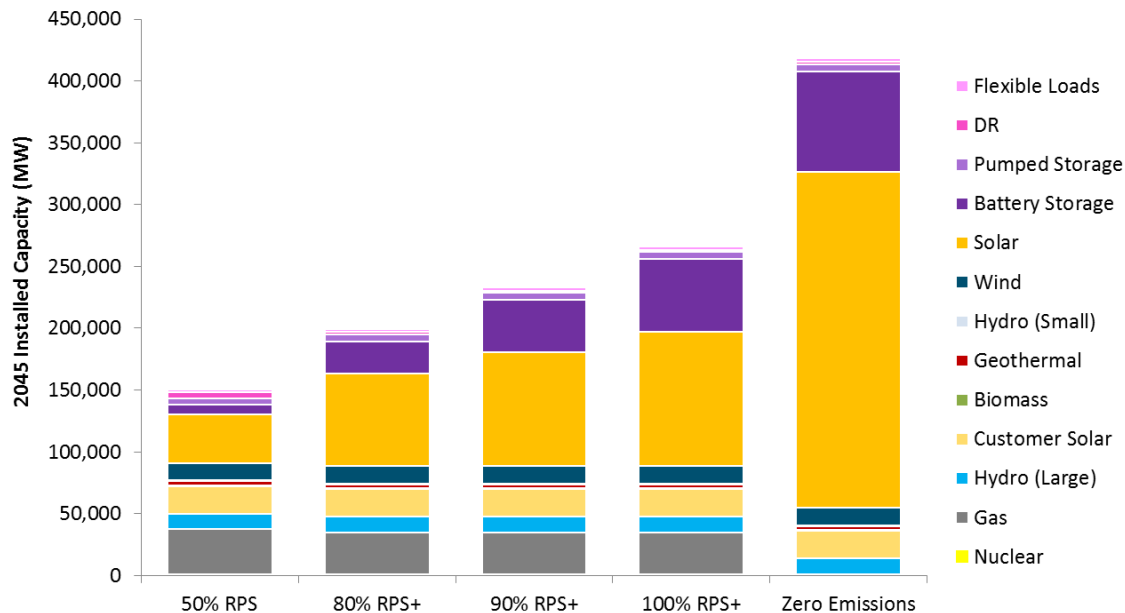
Key Findings (Cont.)

- 4. All scenarios result in significant development of solar and energy storage resources in California**
 - California solar development ranges from 39 to 271 GW by 2045; energy storage ranges from 32-87 GW
- 5. Integration solutions are critical for reducing the cost of achieving high levels of renewables:**
 - i. Availability of dispatchable generation for meeting high net load events;
 - ii. Procurement of a diverse portfolio of renewable resources, including from out of state;
 - iii. Coordination of planning, procurement and operations across a broad region;
 - iv. Ability of loads to operate flexibly in response to the needs of the grid; and
 - v. Procurement of significant quantities of energy storage.
- 6. Further study is needed to assess reliability under high renewables, particularly for scenarios in which gas generation is not available**



All scenarios result in significant development of solar and energy storage resources in California

- + Without additional integration solutions, California utility-scale solar development ranges from 40 to 270 GW by 2045
 - Total land area required is 900-3000 square miles
- + Without additional integration solutions, energy storage deployment ranges from 30 to 90 GW
 - Preference for longer durations increases at higher renewable levels; average duration ranges from 4 to 22 hours



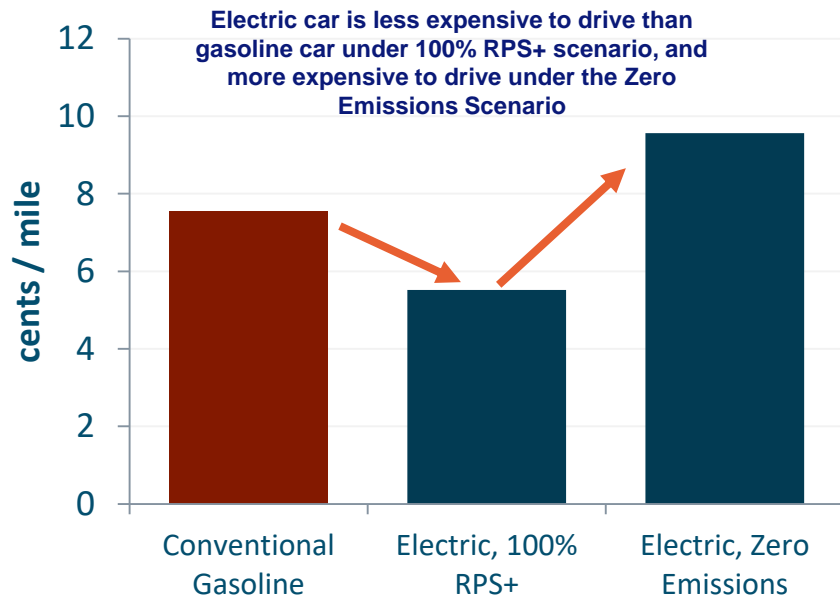


Complete electricity decarbonization is costly and makes electrification more difficult to achieve

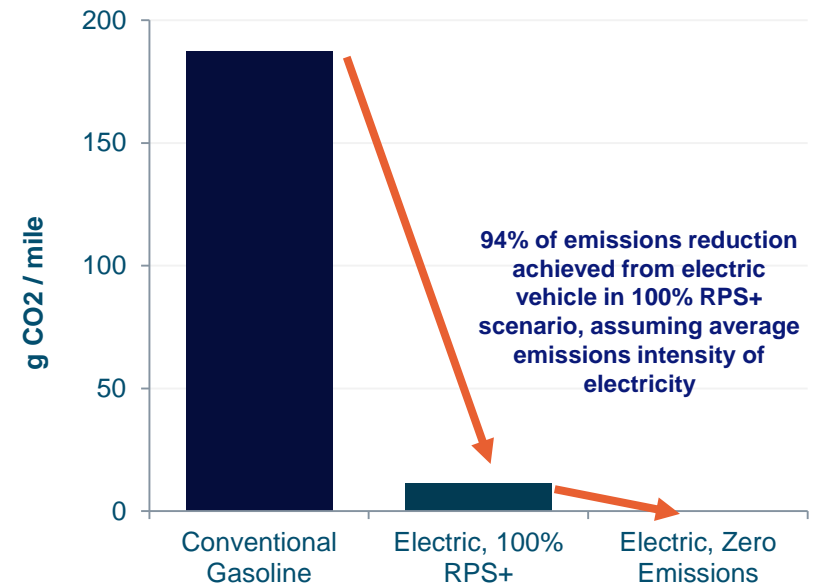
+ Eliminating all emissions more than doubles electricity rates, for uncertain GHG mitigation benefits

- Very high electric rates make it difficult to achieve the electrification that is necessary to decarbonize other sectors

Effect of Electricity Rates on Driving Costs



GHG Emissions Reduction from Vehicle Electrification



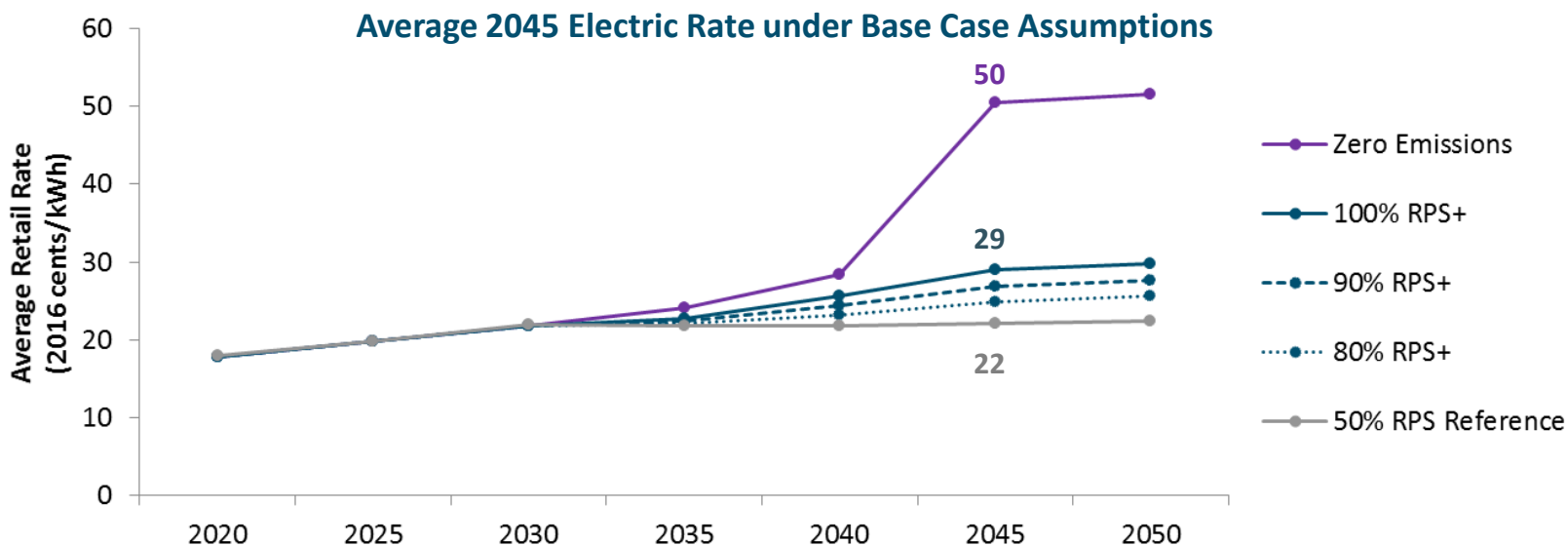
- Conventional gasoline vehicle assumed to be 40 mpg in 2045 at \$3/gallon
- Electric vehicle assumed to be 5.3 mi/kWh at \$0.29/kWh in 100% RPS+ Scenario and \$0.50/kWh in Zero Emissions Scenario.



Renewable electricity levels above 80% result in higher electric rates

+ Electricity costs are significantly higher under the 100% RPS+ Scenario:

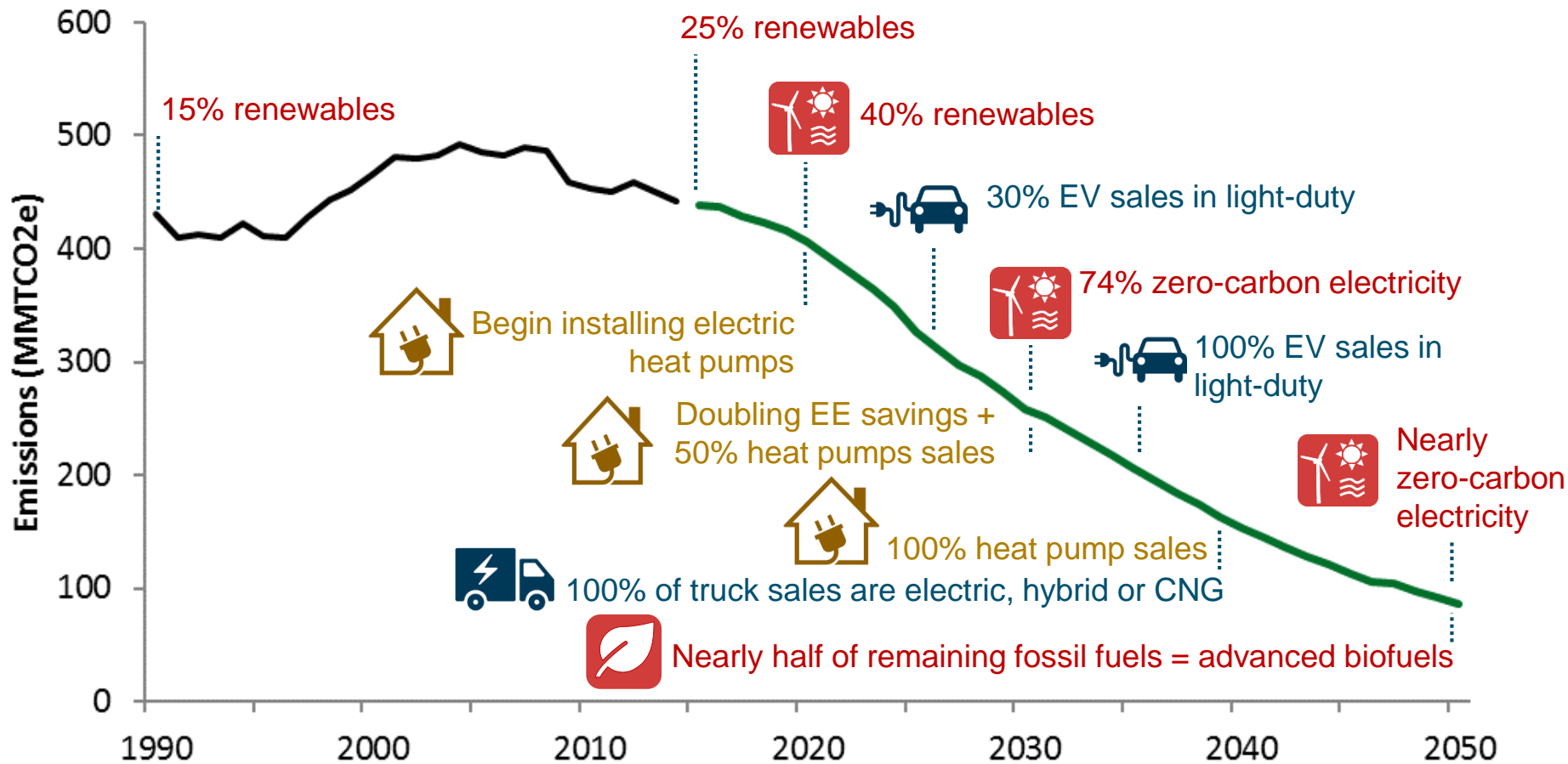
- Total electricity costs increase by \$26 billion, or 32%, in 2045 relative to the 50% RPS Scenario
- Average electricity rates increase by 7 cents/kWh
- The most significant changes in electricity rates occur after 2035
- Electricity rates exceed 50 cents/kWh in Zero Emissions Scenario due to elimination of all dispatchable generation





Achieving long-term goals will require many near-term actions

California Greenhouse Gas Emissions and Milestones in a High Electrification Scenario (80% reduction below 1990 by 2050)



Source: E3 report on "Deep Decarbonization in a High Renewables Future" June 2018, CEC-500-2018-012



Energy+Environmental Economics

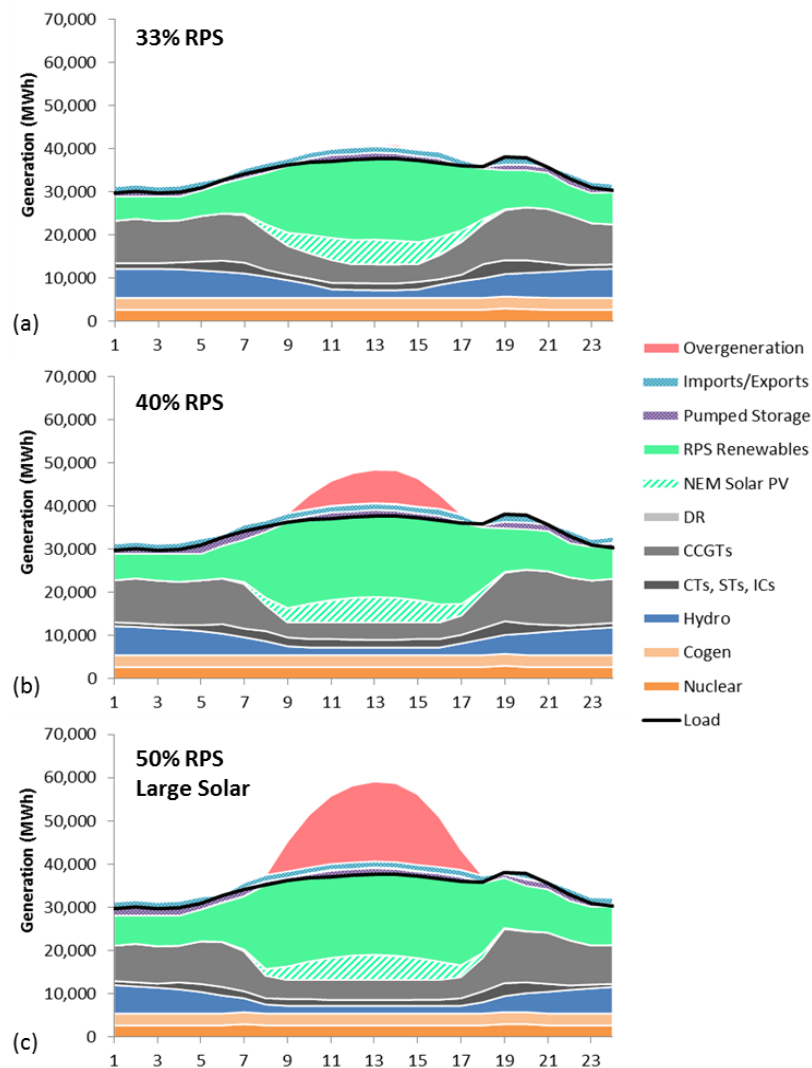
Renewable Integration Challenges and Solutions



Renewable over-generation/ curtailment is a near-term and long-term challenge

- + **Statewide modeling underestimates today's localized curtailment challenges**
- + **2030 over-generation is very high on some days under the 50% Large Solar case**
 - Fossil generation is reduced to minimum levels needed for reliability
- + **CA PATHWAYS scenarios implement renewable integration solutions to manage curtailment problem**

E3's "Investigating a Higher RPS in CA" (2014)





“Pocket Guide” to Integration Solutions

	Integration solution	Findings
Net benefits even w/o renewables	Regional coordination	<u>Significant renewable integration value</u> – exporting excess renewables to other markets in the West defers integration challenges
Low cost solutions with potentially large benefits	Time of use rates	Provide renewable integration value <u>if TOU periods reflect seasonality and timing of overgeneration periods</u> and if customers are able to regularly increase midday loads, likely via automated responses
	Subhourly renewable dispatch	<u>Significant renewable integration value</u> – enabling subhourly curtailment leads to net reduction in curtailment
	Renewable portfolio diversity	<u>Significant renewable integration value</u> – in-state or out-of-state wind and geothermal resources help to avoid daytime overgeneration
Costs and benefits should be evaluated on specific project or program basis	Flexible loads Advanced DR	Provides renewable integration value, but <u>cost effectiveness will depend on specific functionality and cost of resource/program</u>
	Additional storage	Provides renewable integration value, but <u>cost effectiveness will depend on other grid conditions and cost of energy storage</u>
	Gas retrofits	Cost effectiveness of gas retrofits in the model is highly sensitive to assumptions – <u>should be further evaluated for specific sites</u>
	Flexible gas resources	Flexible gas resources were not economic in cases that allowed energy storage build, but <u>should be further evaluated for specific projects</u>
Valuable, though not as much for integration	Energy efficiency	Provides cost and GHG savings, though <u>is not expected to significantly impact curtailment</u>
	Conventional demand response	Conventional load curtailment provides cost savings, though <u>does not significantly impact curtailment</u>

Solutions with the highest identified renewable integration value



Energy+Environmental Economics

Capacity Needs Gas Plant Retirement Risk Storage Vs. Natural Gas



In all future scenarios, gas remains an integral piece of grid reliability through 2035

+ E3 modeled future CA resource portfolios and resulting system operations and energy prices under four different scenarios:

1) *Where we are:* Existing Policies scenario

- SB100 and baseline electrification loads in CA
- Existing state policies elsewhere in WECC

2) *Where we're going:* Higher Renewables Everywhere scenario

- SB100 and higher electrification loads in CA
- Higher RPS everywhere in WECC, plus all coal capacity from before 2000 retired by 2031

Three scenario sensitivities:

- a) CA SB 100 compliance with existing Tx
- b) CA SB 100 compliance with new Tx allowing 4.25 GW of additional out-of-state wind
- c) CA SB 100 non-compliance: RPS slows from 100% trajectory post-2030, hits 75% by 2045

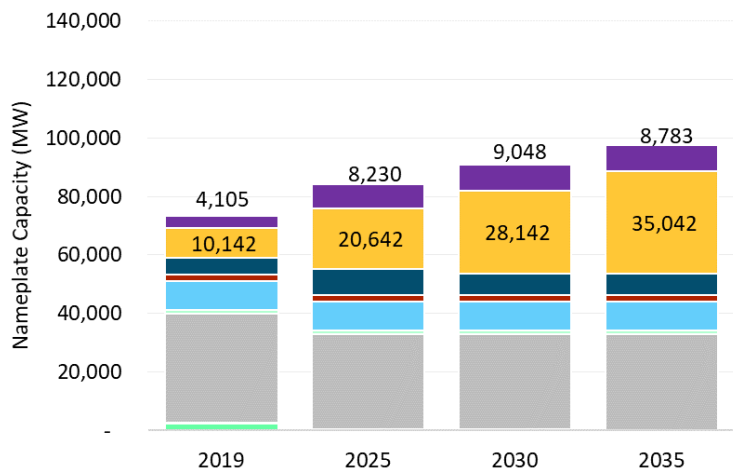
+ In all scenarios and sensitivities, 20 to 24 GW of gas appears economic for RA in CAISO through 2035

- Nearly all remaining gas after OTC and small CHP plant retirements

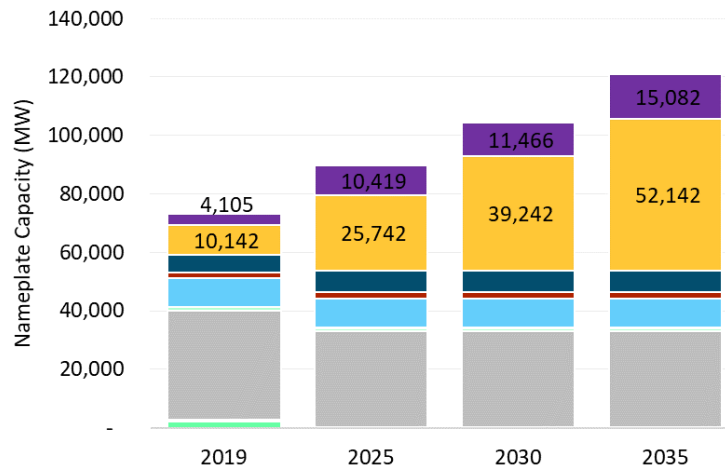


Forecasted resource mix in CA includes increasing amounts of solar and storage

Existing Policies Scenario

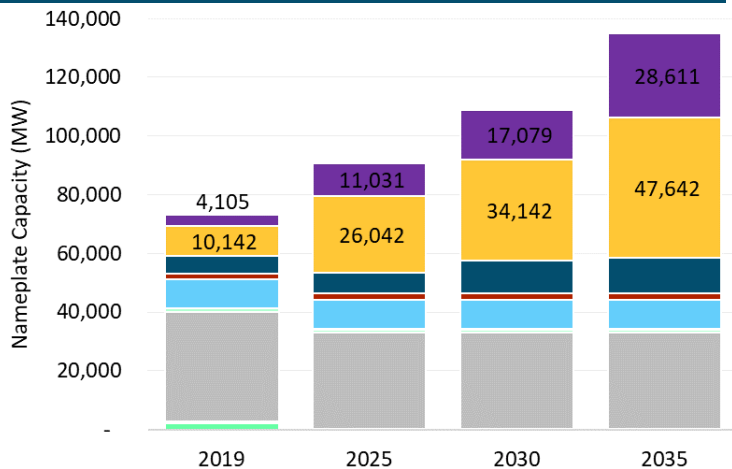


Higher Renewables Scenario

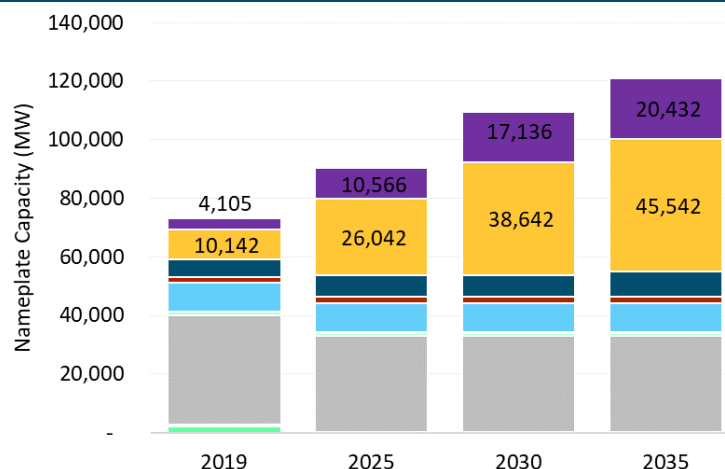


Large amounts of solar are built out in all scenarios as most cost-effective resource to meet RPS goals

High Renewables + OOS Wind



SB100 Non-Compliance Scenario



- Storage
- Solar
- Wind
- Geothermal
- Hydro
- Biomass
- Biogas/Other
- Natural Gas
- Fuel Oil/Jet Fuel
- Coal
- Nuclear

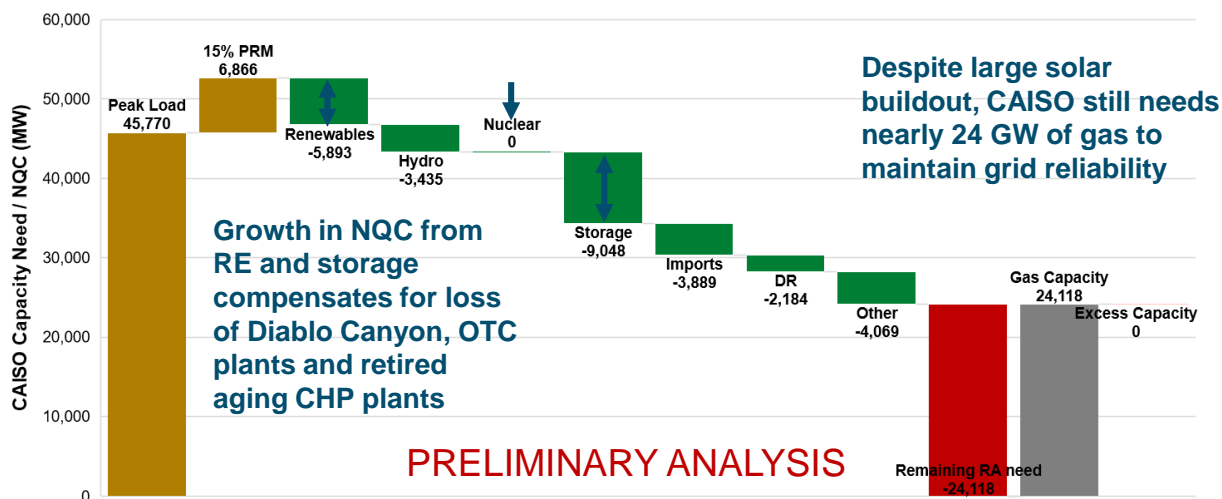
Note – Resource mix is for CA state (not CAISO); Storage added to the AURORA capacity expansion portfolios when capacity shortfall is observed



Amount of gas subject to retirement risk depends upon alternative sources of RA

- + Retirements of OTC plants, aging cost-prohibitive CHP, and nuclear will significantly reduce RA supply in California
- + Coal retirements throughout WECC will leave neighboring regions shorter on excess capacity that has historically served CA via imports
- + Electrification of buildings and transportation will lead to increased loads through year and potentially higher system peaks
- + New renewables and storage are only options to meet CA's RA requirement

2030 System RA need net of non-gas resources: 24.1 GW



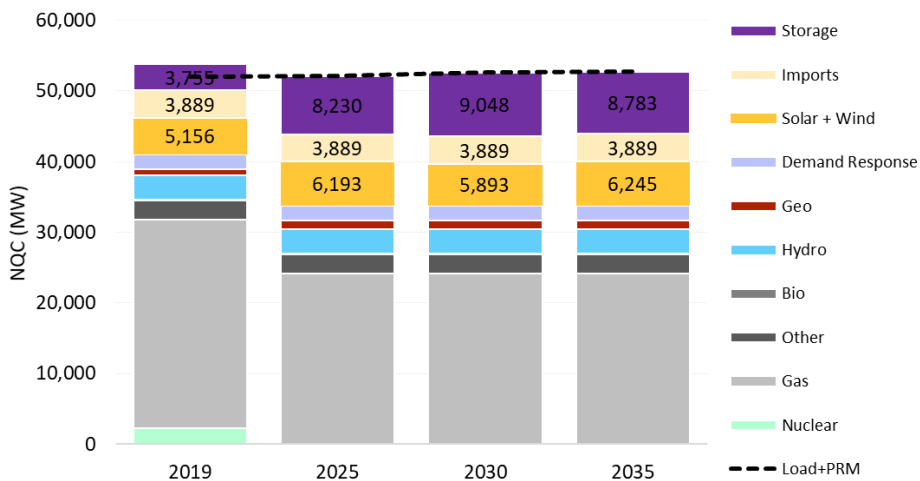
Remaining need at least 20 GW of gas in 2030 even in lowest case scenario



Nuclear and OTC plant retirements reduce capacity supply significantly by 2025

- + Diablo Canyon retirement results in 2.3 GW capacity shortfall in 2025
- + OTC plant retirements result in 3.6 GW net capacity shortfall after repowerings,
 - Deeper near-term shortfall by 2020 with shutdown of Alamosa, Redondo, etc.

Existing policies scenario: RA balance



Current CAISO planned additions and retirement by technology (NQC MW)

Technology	2019	2020	2021	2022	2023	2024	2025	Total
Nuclear	0	0	0	0	0	0	-2,280	-2,280
Bio / Geo	30	346	0	0	0	0	0	376
Storage	98	693	120	135	160	0	0	1,205
Natural Gas	-1,557	-2,398	0	400	0	200	0	-3,574

Note: Negative numbers above mean resource retirements

Net loss of nearly 6 GW of firm capacity by 2025, all of which must be replaced with renewables and storage

Note – Storage added to the AURORA capacity expansion portfolios when a capacity shortfall is observed.



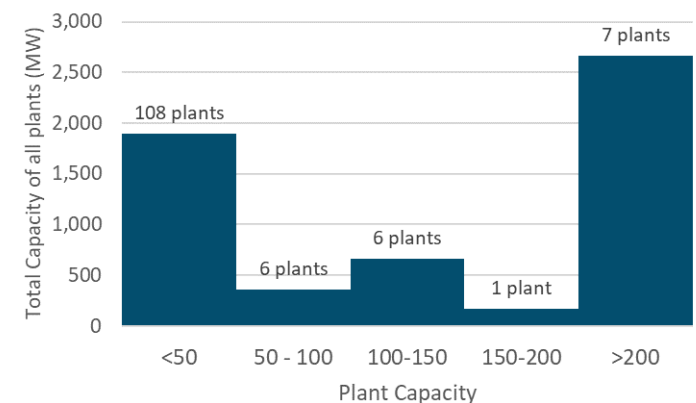
CHP fleet is facing similar wave of near-term retirements

- + After 2010 CHP Settlement, plants were given transition contracts more closely tied to market economics and were required to meet new emissions standards
 - Large wave of CHP retirements followed
- + Based on analysis of individual CHP plants, only a few larger plants are clearly economical to run going forward without above-market contracts
- + Analysis assumes all remaining small CHP plants (< 50 MW) retire by 2025
- + This results in a retirement of over 2 GW of CHP in CAISO, leaving ~3.7 GW online
 - Mandated IOU procurement of 3 GW in CHP settlement is met, although this mandate may be lifted in the future

CHP Plants in E3 Benchmarking Dataset: 2016-18 Average Energy Margins

Facility	Plant Type	Operating Capacity (MW)	Energy Margin (\$/kW-yr)	Go Forward Cost (\$/kW-yr)
Elk Hills Power	Large CHP	559	\$ 71.36	\$ (21.36)
Los Medanos Energy Center, LLC	Large CHP	617	\$ 22.56	\$ 27.44
Midway Peaking	Large CHP	249	\$ 20.34	\$ 29.66
Kingsburg Cogen Facility	Small CHP	34.8	\$ 18.47	\$ 31.53
Fresno Cogeneration Partners, LP	Small CHP	79.1	\$ 8.90	\$ 41.10
Calpine Gilroy Cogen, LP	Small CHP	115	\$ 8.02	\$ 41.98
Harbor Generating Station	Large CHP	345	\$ 7.59	\$ 42.41
Greenleaf One	Small CHP	56	\$ 4.30	\$ 45.70
Ripon Generation Station	Small CHP	99	\$ (18.29)	\$ 68.29
Sargent Canyon Cogen Facility	Small CHP	72	\$ (20.66)	\$ 70.66
Salinas River Cogeneration Facility	Small CHP	42	\$ (177.84)	\$ 227.84

CAISO CHP Plants (Total capacity = 5.7 GW)





Import availability for RA appears limited

- + Imports today are primarily nuclear (Palo Verde), renewables (NW wind, SW solar), NW hydro, and SW gas
- + Imports for RA likely break down differently than energy imports
 - Owned or contracted capacity able to serve peak load
 - Higher weighting on nuclear, contracted hydro and gas
 - Medium weighting on wind and solar
- + **Future availability of imports to meet RA requirements is driven by two major factors**
 - Coincidence of peak load in neighboring regions
 - Continued surplus capacity in neighboring regions that is owned or contracted by CA LSEs
- + **NW capacity balance is growing tight, but NW has winter-peaking load meaning it still has excess summer capacity to share with CA**
- + **SW is also growing tighter and peaks are more coincident with CA, which may limit imports**
- + **On net, imports from capacity that is contracted, not owned, may be reduced in future as neighboring loads grow and coal capacity retires**

Estimated current resources behind CAISO's RA imports

Imported resource	Estimated RA contribution	Primary origin
Gas	1,100 MW	SW
Nuclear	600 MW	AZ
Hydro	1,000 MW	WA/OR
Wind	1,200 MW	WA/OR
Solar	600 MW	AZ/NV
Total	4,500 MW	

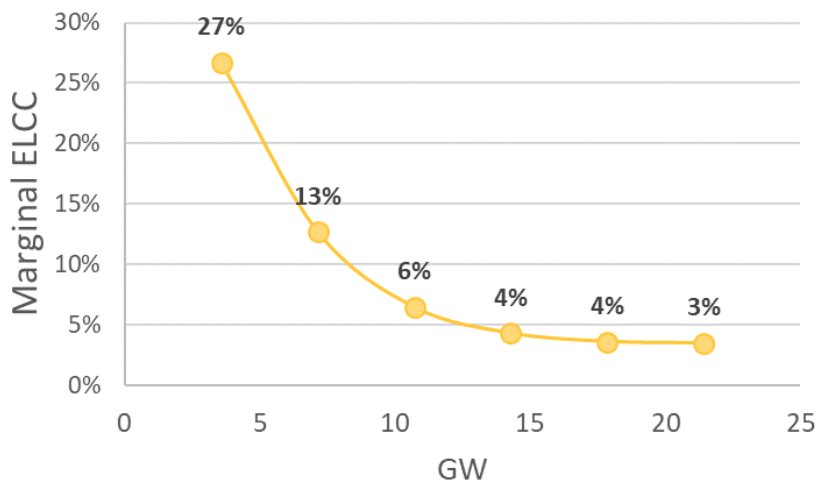
Source: E3 analysis



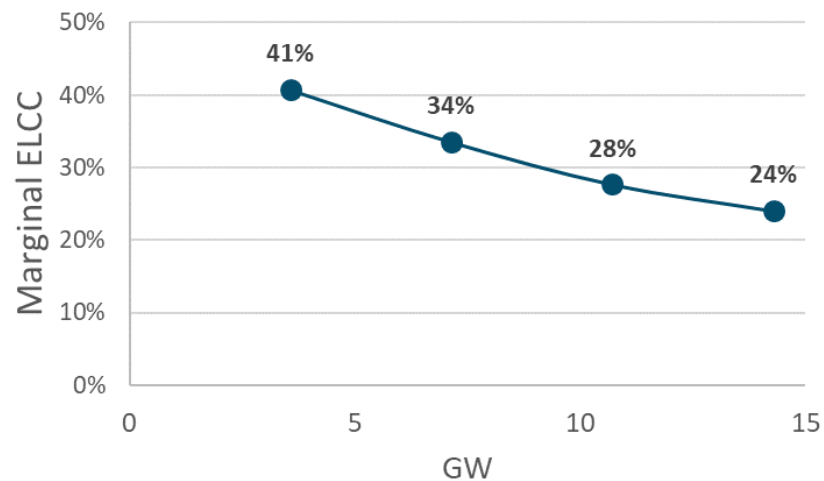
ELCC (Excess Load Carrying Capability) from solar and wind additions

- + Solar and wind offer diminishing contributions to RA as penetration grows, particularly for solar, which is already facing low marginal ELCC
 - Even 40 GW of new solar will not reduce peak demand significantly from today
- + Diversity benefits exist both for technological diversity and geographical diversity (not shown below), meaning a portfolio of solar, wind, and storage may offer a higher ELCC than the sum of the parts

Solar ELCC in CA



Wind ELCC in CA

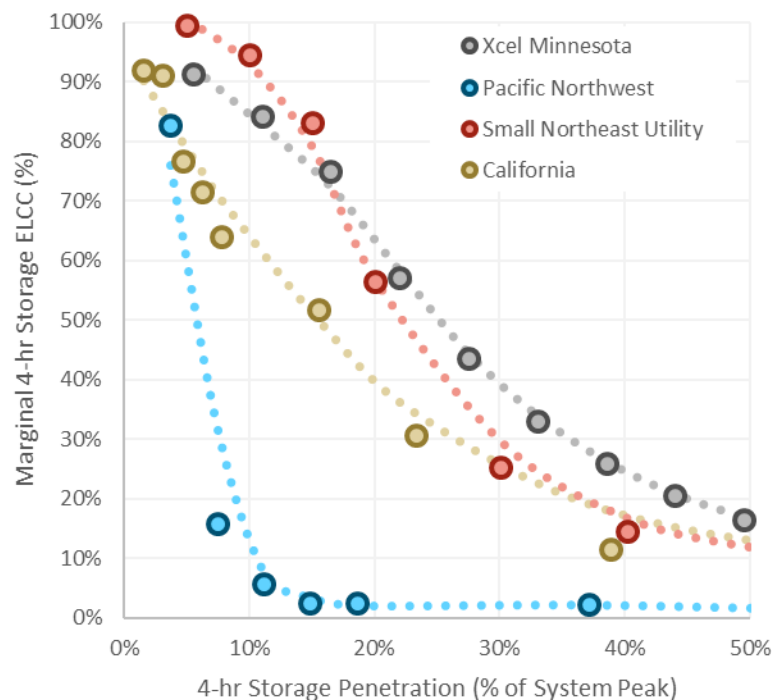




ELCC of battery storage additions

- + **E3 has studied the ELCC of storage in many jurisdictions with varied findings**
 - ELCC of storage interacts with net load shape and renewable penetration, synergy with solar
- + **In model, E3 uses step-downs in RA contribution from storage for CA**
 - 4-hr storage: 100% ELCC up to 4 GW
 - 6-hr storage: 100% ELCC up to 4 GW
 - 8-hr storage: 100% ELCC up to 4 GW
 - 12-hr storage: 100% ELCC up to 4 GW
- + **RA met by storage is increasingly expensive due to long-duration needs**
 - New 4-hr storage sets RA price in early 2020s
 - By 2025, 4-hr storage offers declining ELCC and 6-hr storage is required for 100% ELCC (or 4-hr storage is derated by 33%)
 - By 2035, 8- to 12-hr storage is needed for 100% ELCC, or 2-3x as much 4-hr storage

Marginal ELCC of storage at varying penetrations



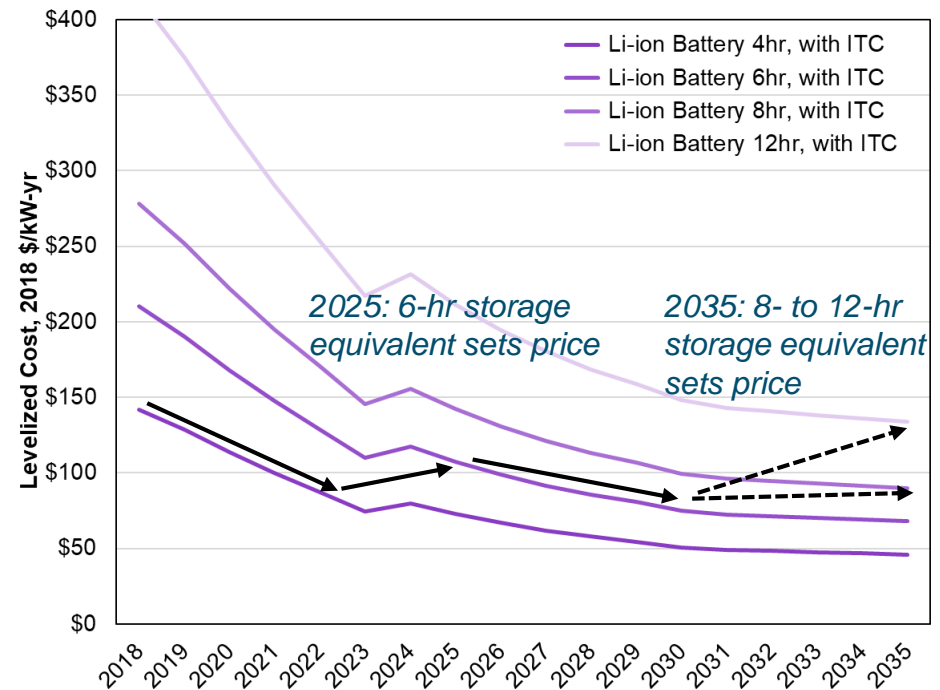
Source: E3 Analysis



Net cost of new storage will inform RA prices between now and 2030

- + **CONE (cost of new entry)**
- + **2025 Gross CONE of storage**
 - 4-hr: \$73/kW-yr in 2025
 - 6-hr: \$107/kW-yr in 2025
 - 8-hr: \$142/kW-yr in 2025
 - 12-hr: \$212/kW-yr in 2025
- + **Energy arbitrage and ancillary service revenues could further reduce cost of storage for RA**
 - Up to \$50/kW-yr in energy arbitrage revenue for 4-hr storage in 2025
- + **Limited bankability of energy arbitrage and AS value. RA contract likely must cover majority of storage fixed costs**

Gross Levelized Cost of New Battery Storage

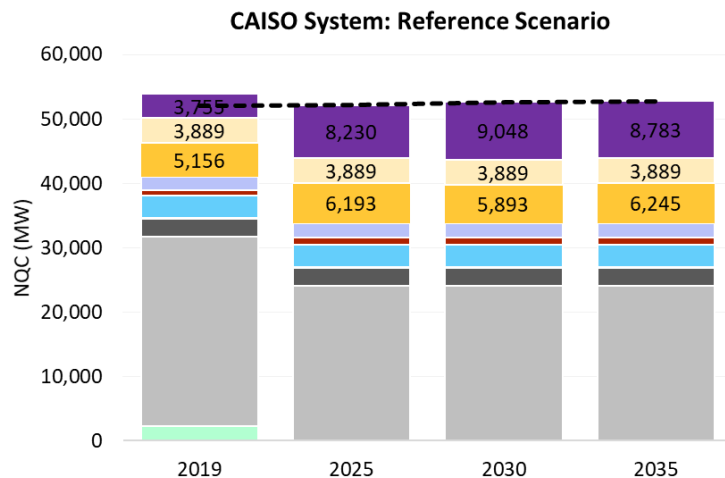


As storage declines in ELCC with greater market saturation, RA prices set by new storage will increase to reflect cost of longer duration storage or equivalent derating



What's left to be served by gas?

Existing Policies Scenario

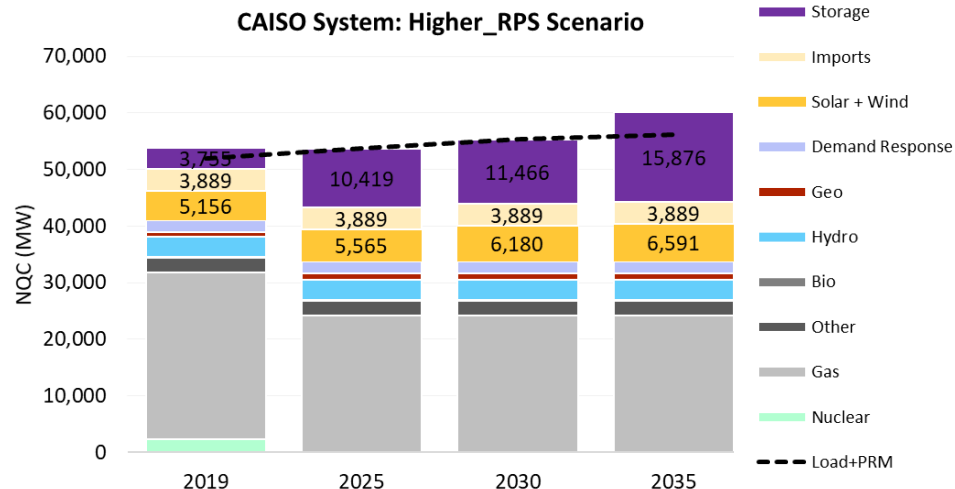


Note – Storage added to the AURORA capacity expansion portfolios when a capacity shortfall is observed.

	2019	2025	2030	2035
RA supply (MW)	53,859	52,118	52,636	52,723
Peak load (MW)	45,425	45,320	45,770	45,846
Reserve Margin (%)	19%	15%	15%	15%
Surplus >15% (MW)	1,827	0	0	0

No capacity surplus in any forecast year. Storage must be built to replace retiring thermal capacity and maintain planning reserve margin of 15%

Higher Renewables Scenario



	2019	2025	2030	2035
RA supply (MW)	53,859	53,679	55,374	60,162
Peak load (MW)	45,425	46,678	48,123	48,846
Reserve Margin (%)	19%	15%	15%	23%
Surplus >15% (MW)	1,827	0	0	3,989

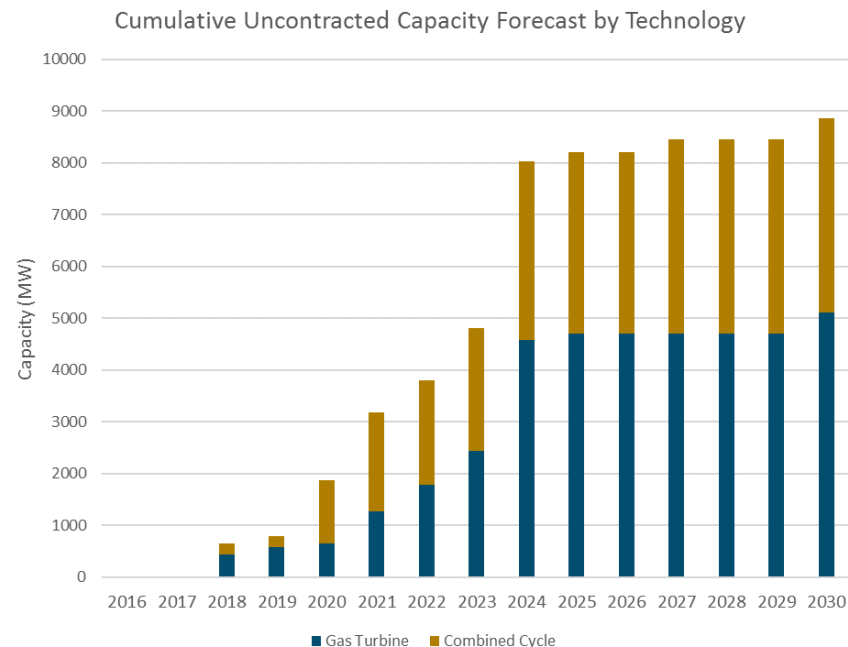
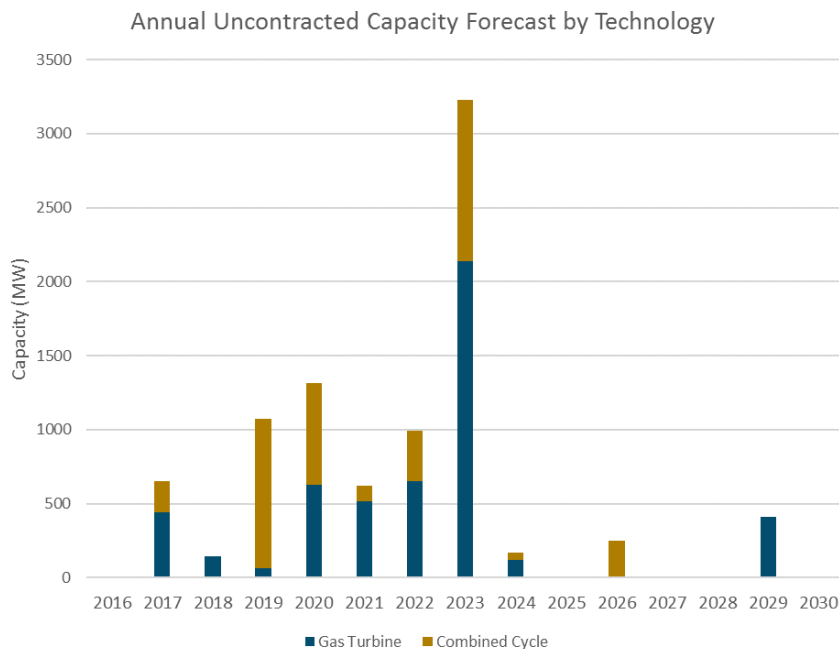
Large buildout of long duration storage could create excess RA supply by 2035, putting up to 4 GW of gas at risk of retirement



Significant Amount of Capacity will be Uncontracted in the Next 10 Years

+ Cumulative capacity with expiring contracts goes from at least 653 MW in 2018, to 9,122 MW in 2030

- Between 2018 and 2022, more CCGTs go off contract
- Between 2023 and 2030, more CTs go off contract

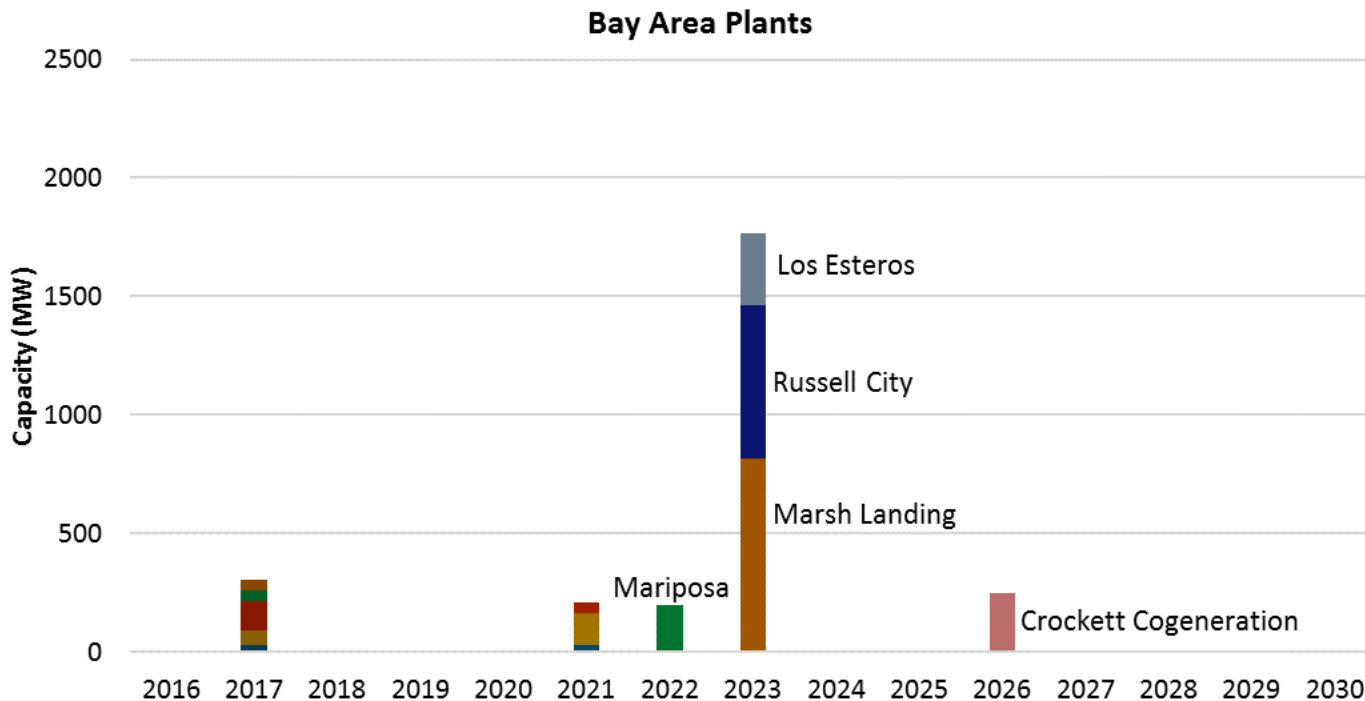


Source: SNL, E3 Analysis



Many Existing Gas Generators will be Off-Contract by 2023

- + A substantial proportion of contract expirations occur in 2023 or before
- + In addition, capacity associated with once-through-cooling (“OTC”) plants will be off market due to retirement by 2020



2023 Off-Contract Generators: Marsh Landing, Russel City Energy Center, and Los Esteros CC

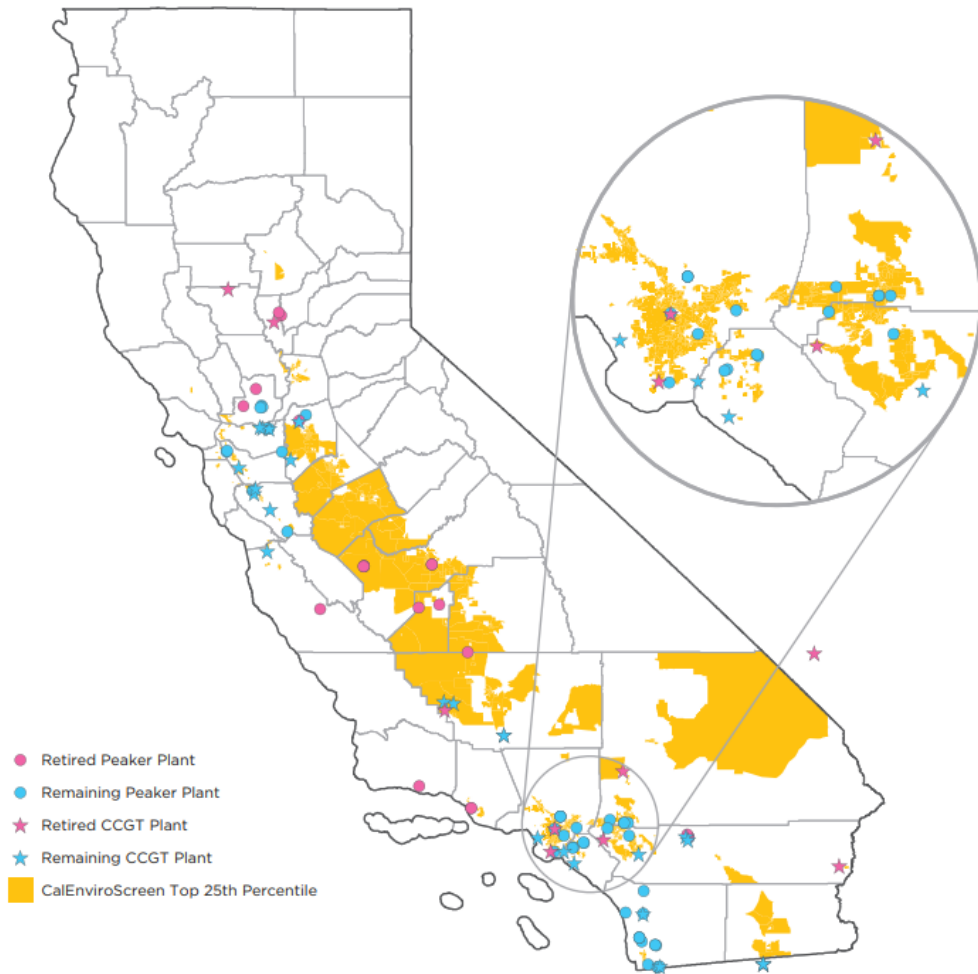
Source: SNL, E3 Analysis



This does not mean buy batteries today

+ California has a significant amount of excess gas capacity

FIGURE 4. Natural Gas Plant Retirements by 2030, 42 MMT Scenario





Energy+Environmental Economics

Capacity Pricing



Capacity Pricing: CAISO System

Preliminary Forecasts Methodology

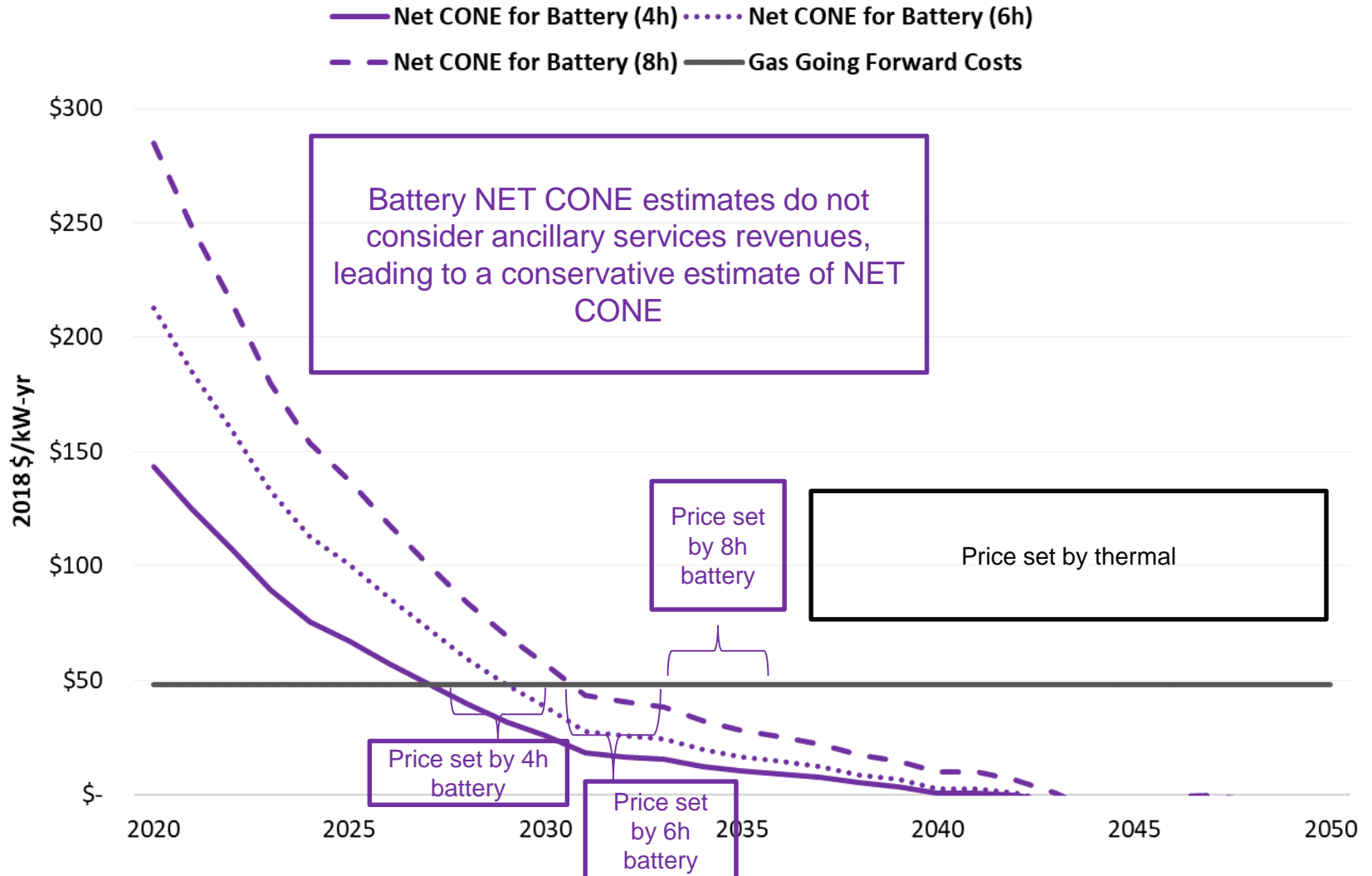
- + In the near-term (through 2021), CPUC RA pricing reports are used to estimate current capacity prices
- + Starting in 2022, the minimum of gas going-forward costs and net cost of new entry for storage are used as estimates of capacity prices
- + After the marginal capacity contribution of storage resources diminishes, capacity pricing is expected to be dominated by thermal generation again
 - Initially, 4 hour storage resources can provide full nameplate MW towards capacity (exhausted in 2030)
 - After marginal capacity value of 4 hour storage diminishes, 6 hour and 8 hour storage set capacity price (exhausted in 2033)
 - After storage contribution to peak loads is exhausted, thermal resources set the capacity price again (exhausted in 2036)
- + To estimate prices when storage is the capacity resources, storage wholesale market participation for 50 days is limited to account for its provision of capacity services
- + Note, the methodology is used to estimate CAISO system prices; actual local capacity prices will vary



Capacity Pricing : CAISO System

Preliminary Forecasts Results

Prices in 2018 \$





Gas plants remain valuable grid asset through 2030, likely longer

- + **Energy generation from gas plants will continue to decline as it is displaced with generation from new renewables at a faster pace than load growth**
 - Large-scale wind power in particular could reduce energy generation from gas
- + **With lower energy margins, most gas plants will be increasingly dependent upon RA contracts to recover costs and remain online**
- + **Near-term tightness in Resource Adequacy (RA) market means off-contract gas plants will receive high-value contracts**
 - RA likely to remain tight through at least 2030 due to retirements of nuclear, OTC gas plants, and uneconomic CHP plants, reduced ability for CA to rely on imports
- + **Energy storage is biggest long-term factor with demand for gas capacity for RA**
 - Large influx of energy storage by 2030 will primarily fill void of retiring thermal capacity
 - By 2035, continued storage additions for solar time-shifting have the potential to reduce reliance on gas for RA
 - However, storage has diminishing value for RA due to energy-limited nature, meaning there will be a continued need for majority of gas fleet regardless of the amount of storage built
- + **Gas plant operations in future will be increasingly seasonal and flexible**
 - Large increase in cycling and short run times to meet daily ramps to shorter evening peak
 - Periods of very low generation during spring season when net demand is lowest



Energy+Environmental Economics

California's 2030 & 2050 Carbon Mitigation Strategies



Strong Industry Trends

+ Broad changes are sweeping through society that will have lasting impacts on the electricity sector



1. **“Policy”**: Climate change and the need to decarbonize our economy will require the development of massive quantities of low-carbon electricity and a switch away from the use of fossil fuels in all sectors



2. **“Technology”**: Technological change in data processing, communications and manufacturing are making new clean energy technologies available and more cost-effective



3. **“Democracy”**: Consumers are increasingly wishing to take control of their own destiny, decentralizing the locus of decision-making. In California, consumers want to “own their clean energy”

+ The role of all load serving entities will need to continue to evolve to respond to these changes in ways that preserve value for their shareholders and customers



California's commitment to climate action has deepened and broadened



Gov. Schwarzenegger:
AB 32 and the LCFS



(Credit: Rich Pedroncelli / Associated Press)

Gov. Brown signed SB 100,
economy-wide carbon
neutrality executive order



(Credit: SAUL LOEB/AFP/Getty Images)

Gov. Newsom enters governorship
in aftermath of wildfires, no less
committed to further progress

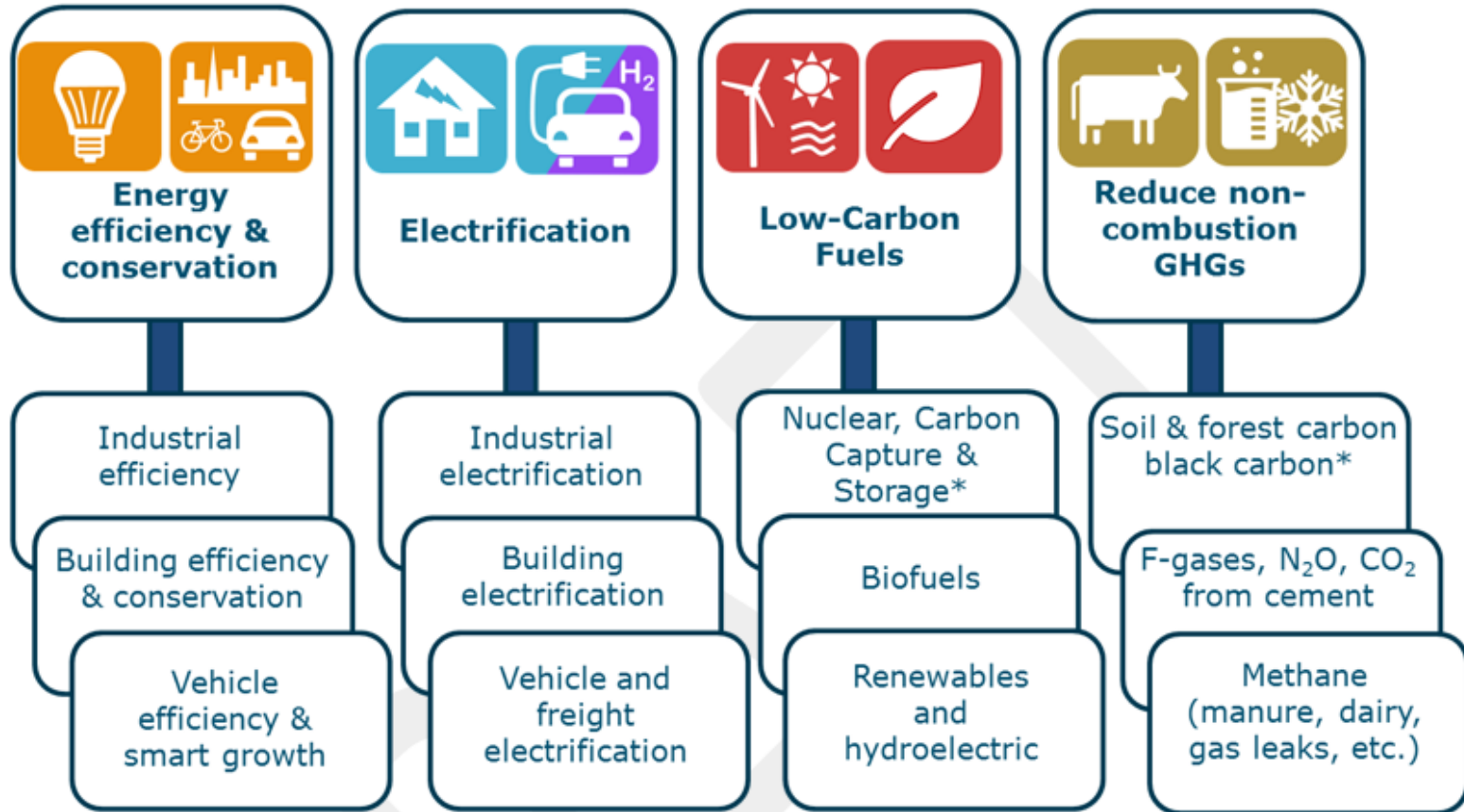
+ Cities are also leading with local Climate Action Plans, including Reach Codes that encourage electrification

- City of Berkeley, San Jose, Santa Rosa, San Louis Obispo...





Pillars of Decarbonization



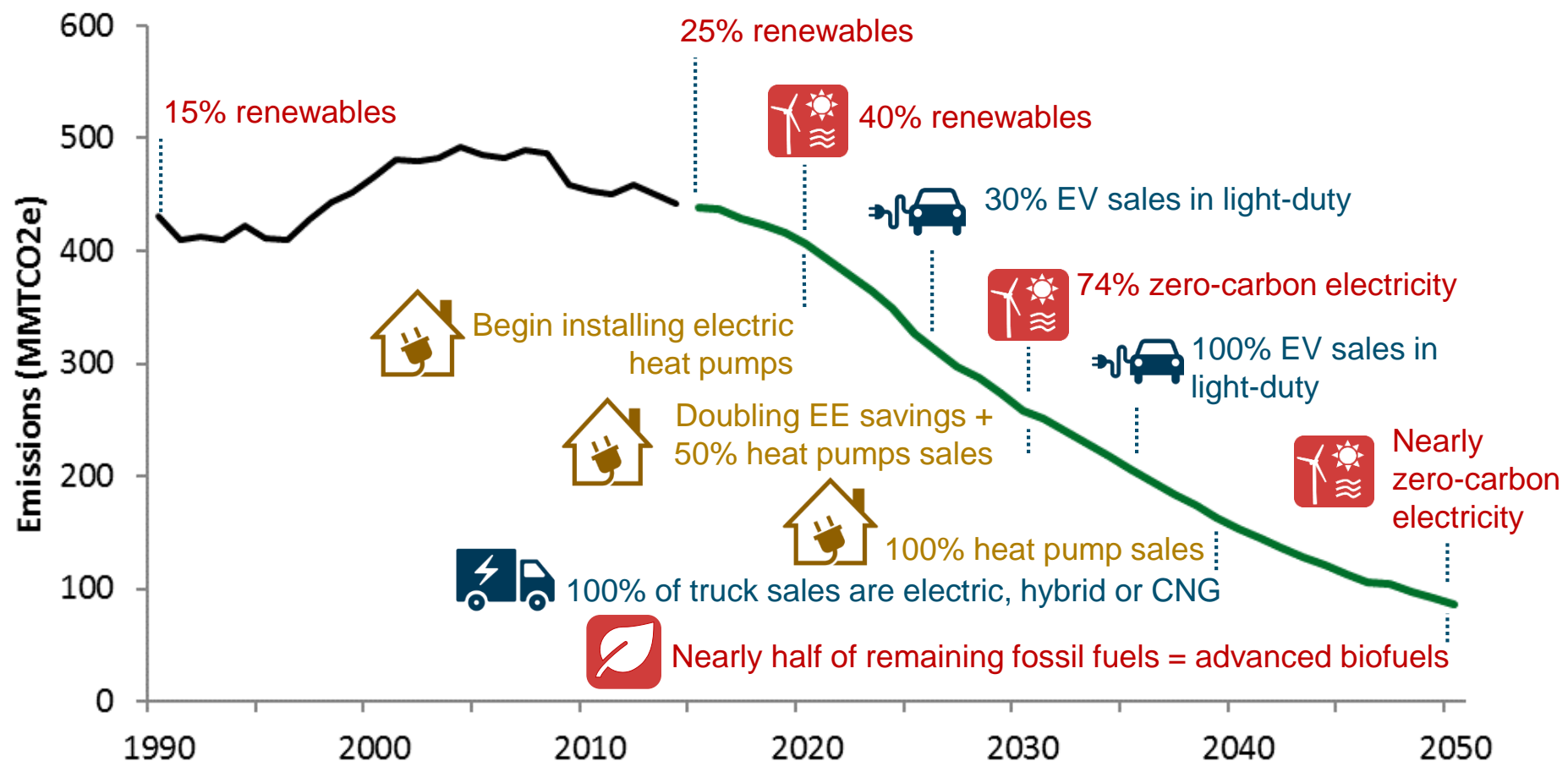
*Nuclear, carbon capture and storage and emissions black carbon and land-use, land-change and forestry are not included within the scope of this analysis

Source: E3



Achieving long-term goals will require many near-term actions

California Greenhouse Gas Emissions and Milestones in a High Electrification Scenario (80% reduction below 1990 by 2050)



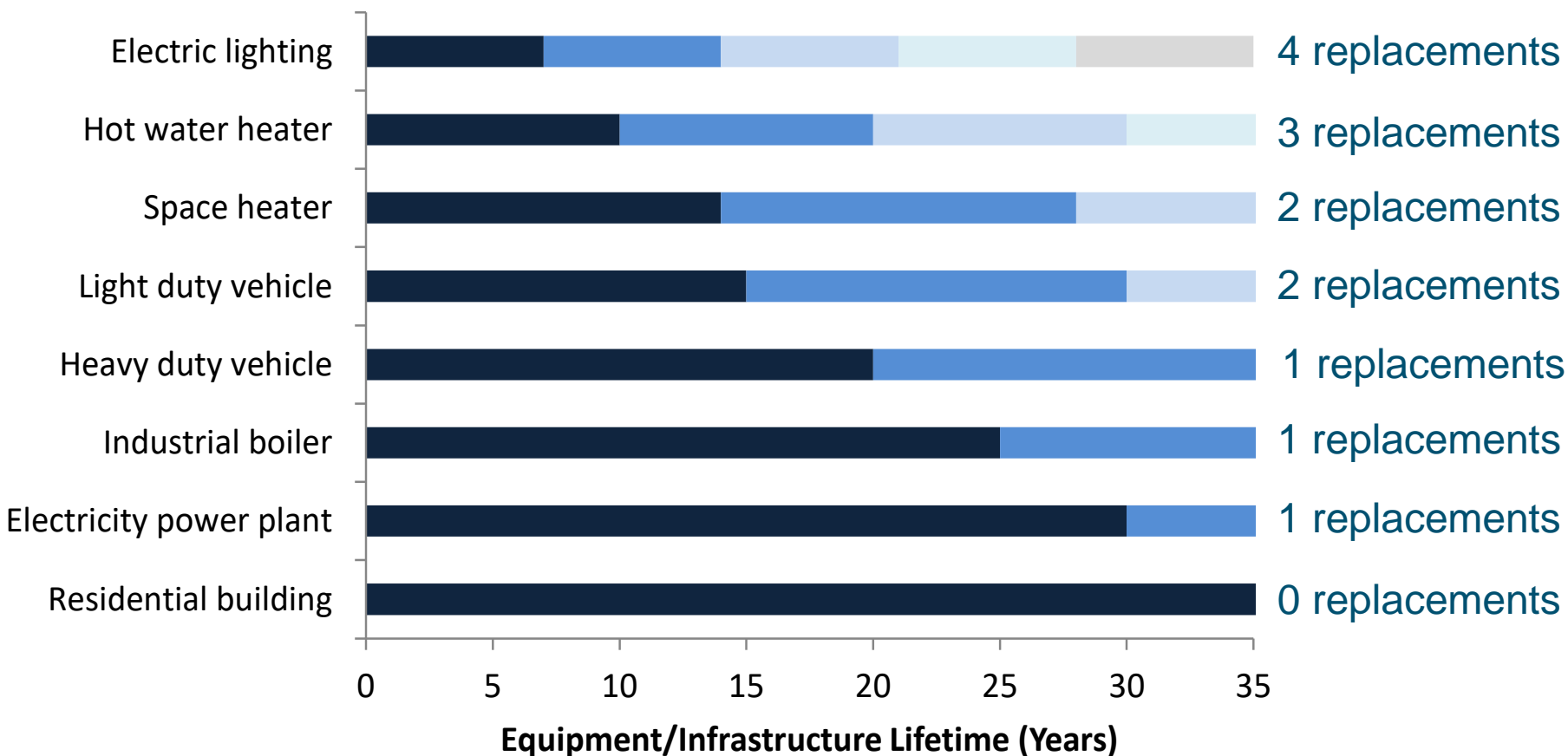
Source: E3 report on "Deep Decarbonization in a High Renewables Future" June 2018, CEC-500-2018-012



Timing for Action is Limited

+ 2050 GHG goal is more feasible if implementation begins soon; drop-in low-carbon fuels may be more feasible than new infrastructure and equipment

2015 → 2030 → 2050





Where will California's 2030 GHG reductions come from?

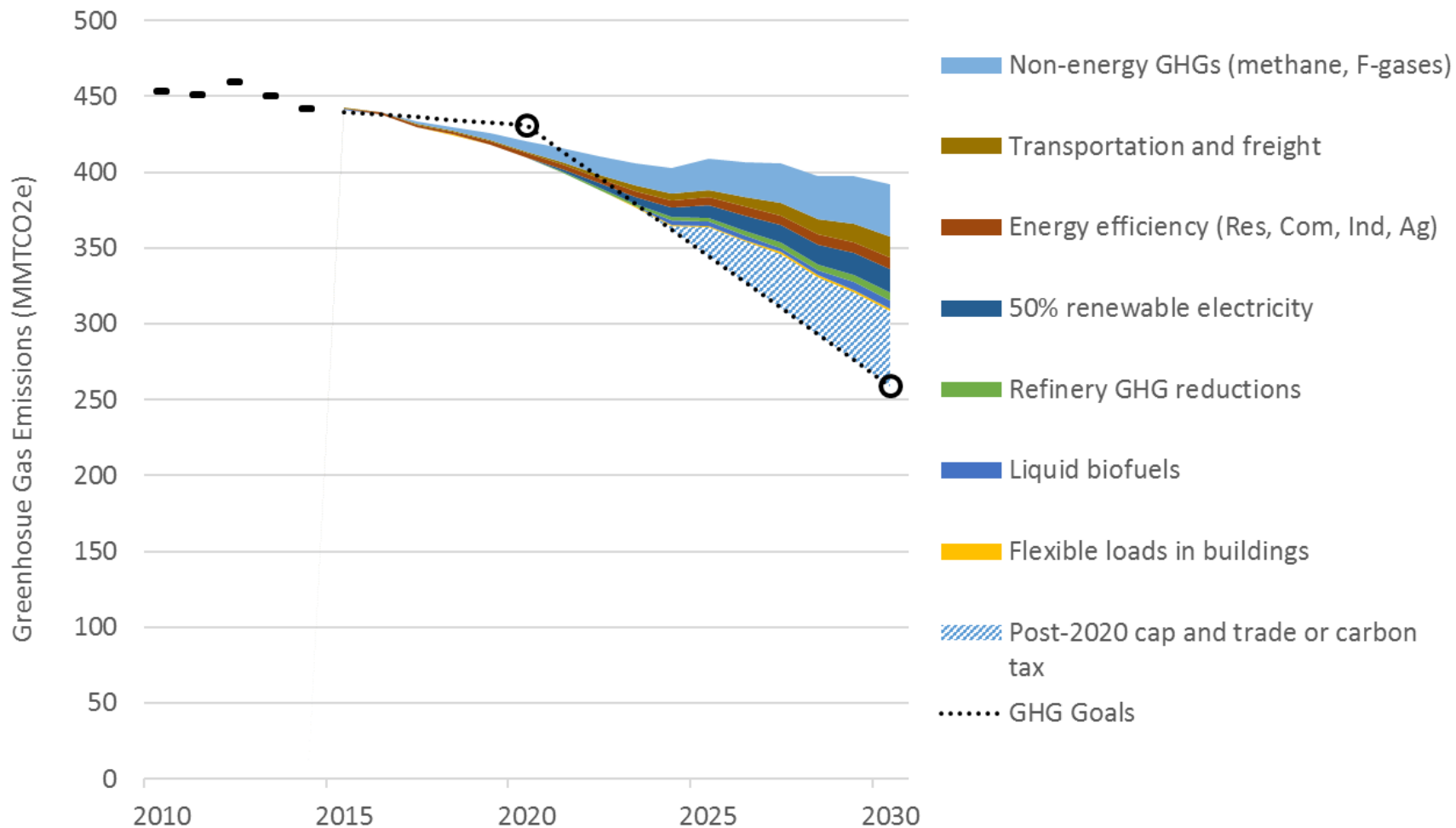
- + Proposed plan includes significant increase in reliance on cap and trade, biofuels, energy efficiency & electric vehicles
- + No electrification of buildings or industry
- + No renewable gas (biogas) in the pipeline

Proposed Scoping Plan Measures	% of 2030 GHG reductions
Flexible loads in buildings	1% - 2%
Liquid biofuels	2% - 4%
Mandated reduction in refinery GHGs	2% - 3%
Energy efficiency: buildings, industry, ag.	4% - 6%
50% Renewables Portfolio Standard	8% - 13%
Transportation measures (cars, trucks, etc.)	8% - 12%
Non-energy GHGs (methane, F-gasses)	17% - 19%
Cap and trade	45% - 55%



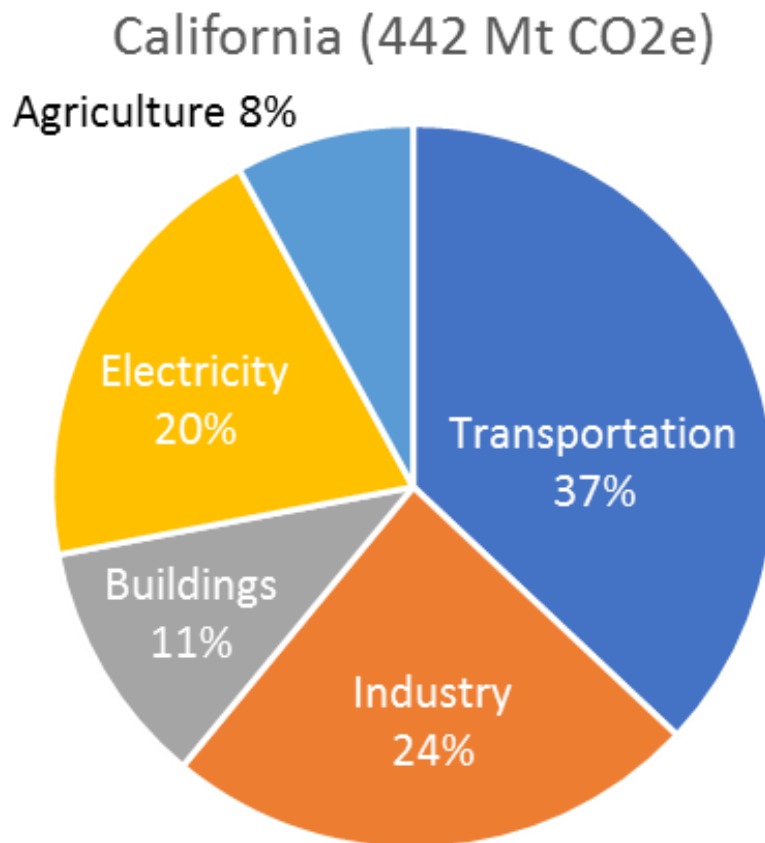
California's Proposed 2030 Scoping Plan

California Greenhouse Gas Emissions and Sources of GHG Reductions MMtCO₂e (2010 – 2030)





Reaching 2050 Carbon Reduction Targets



Source: California 2030 Scoping Plan Update, Figure I-3 https://www.arb.ca.gov/cc/scopingplan/2030sp_pp_final.pdf



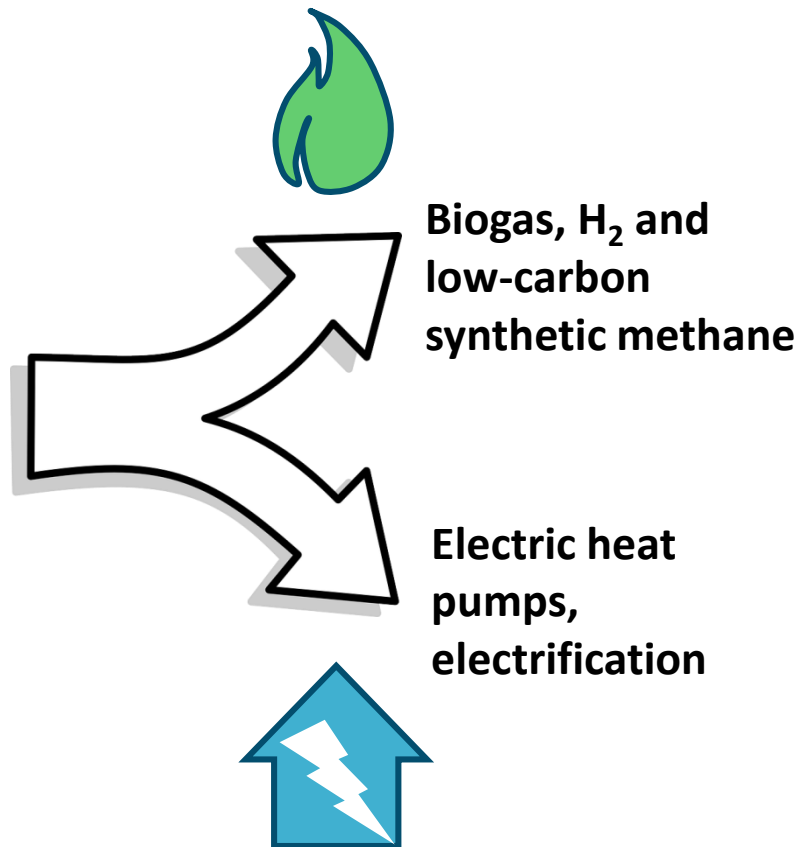
How will we power our buildings?



Building strategy

Mostly space heating
And water heating

Also cooking, clothes
drying, fireplaces, etc.



Implications

Utilize existing gas pipeline infrastructure to deliver low-carbon fuels

“Drop-in” fuels mean customers only see changes in their utility bill, not in their homes

Retrofit buildings to use heat pumps

All-electric new construction

Wind-down the gas distribution pipeline company



How will we power our trucks and heavy-duty transportation?



Heavy duty transport strategy

- Long-haul trucks
- Short-haul trucks
- Buses
- Rail
- Aviation
- Boats
- Off-road/recreational



Biogas, H₂ and low-carbon synthetic methane



Renewable diesel

Implications

New vehicle technologies and fueling infrastructure would need to be built out

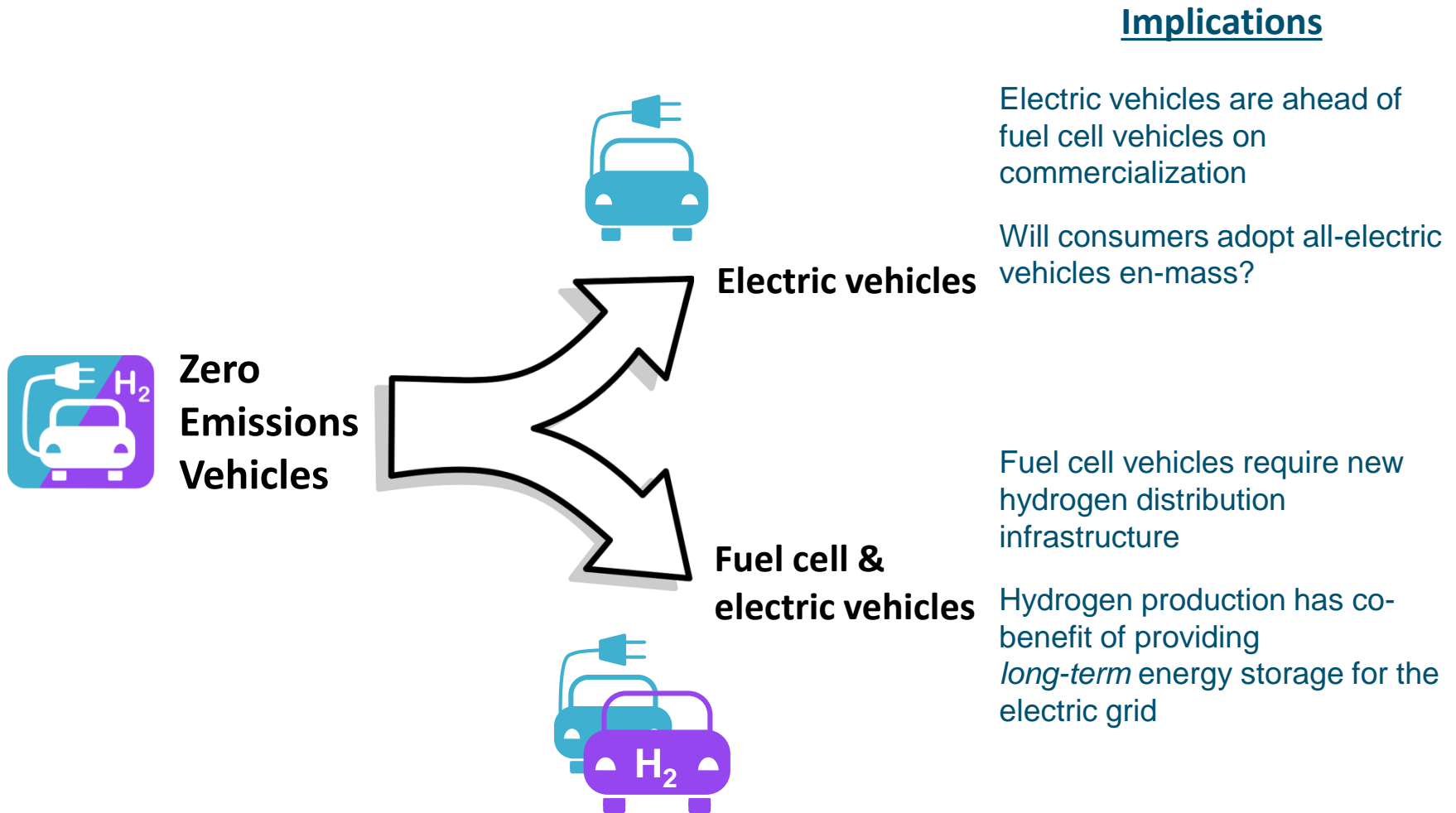
Hydrogen production and/or synthetic methane have co-benefit of providing long-term energy storage for the electric grid

“Drop-in” fuel means changes in fuel cost, but no change in vehicles or infrastructure

Will sufficient quantities of sustainable biofuels be available?



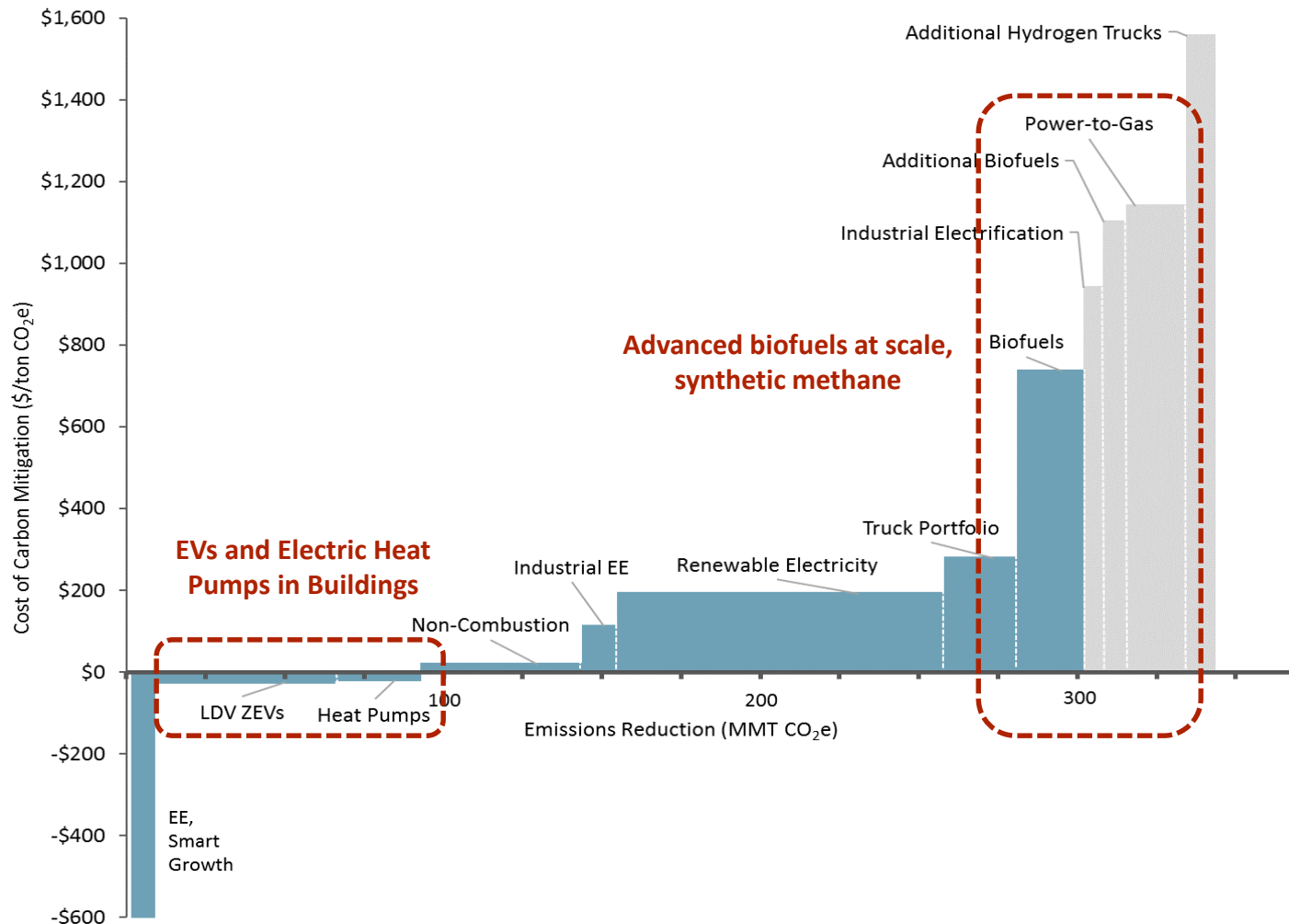
How will we power our cars and light trucks?





Electric vehicles and building electrification appear to be lower cost/risk than alternatives to achieving climate goals

California "Deep Decarbonization in a High Renewables Future" CEC 2018 Study
2050 incremental carbon abatement costs (\$/ton)

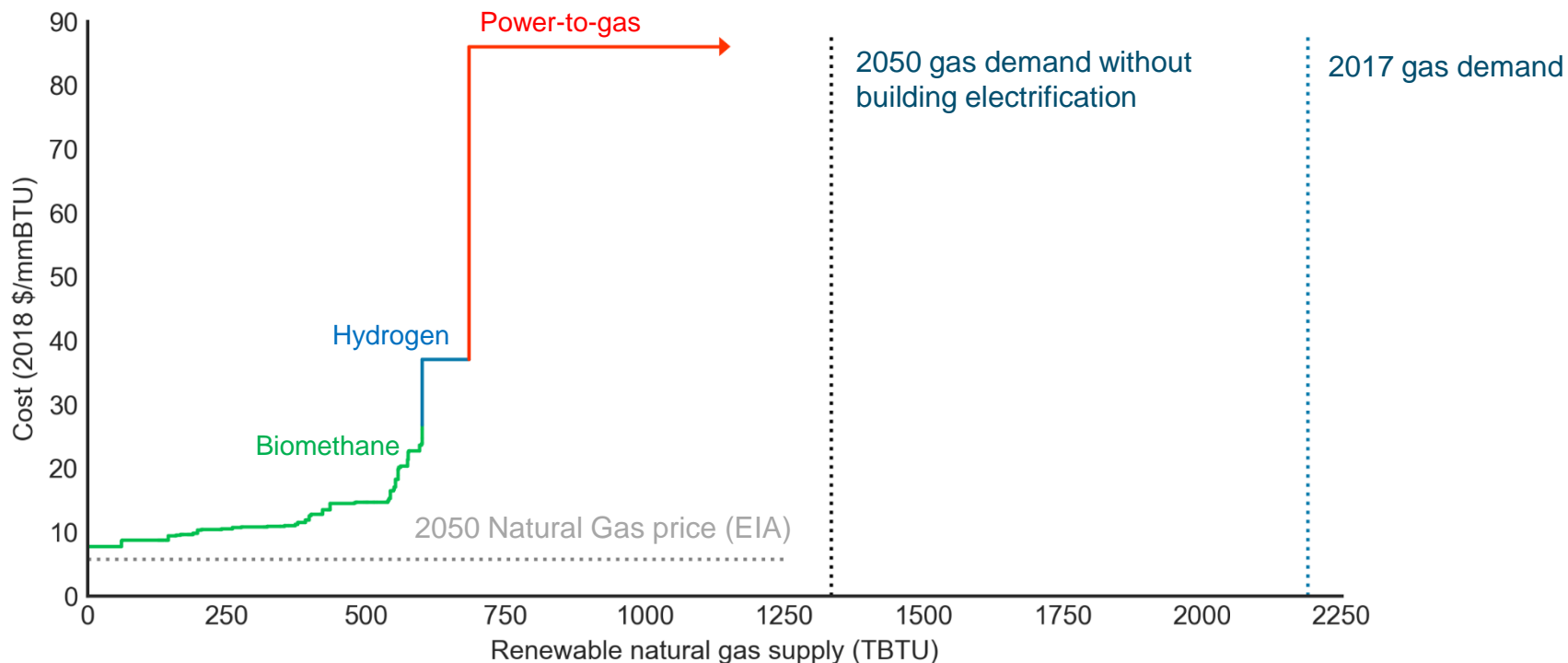


Source: E3 report on "Deep Decarbonization in a High Renewables Future" June 2018, CEC-500-2018-012



Biomethane is limited; expensive synthetic fuels are needed in scenarios w/o building electrification

Estimated cost and available renewable natural gas supply to California in 2050

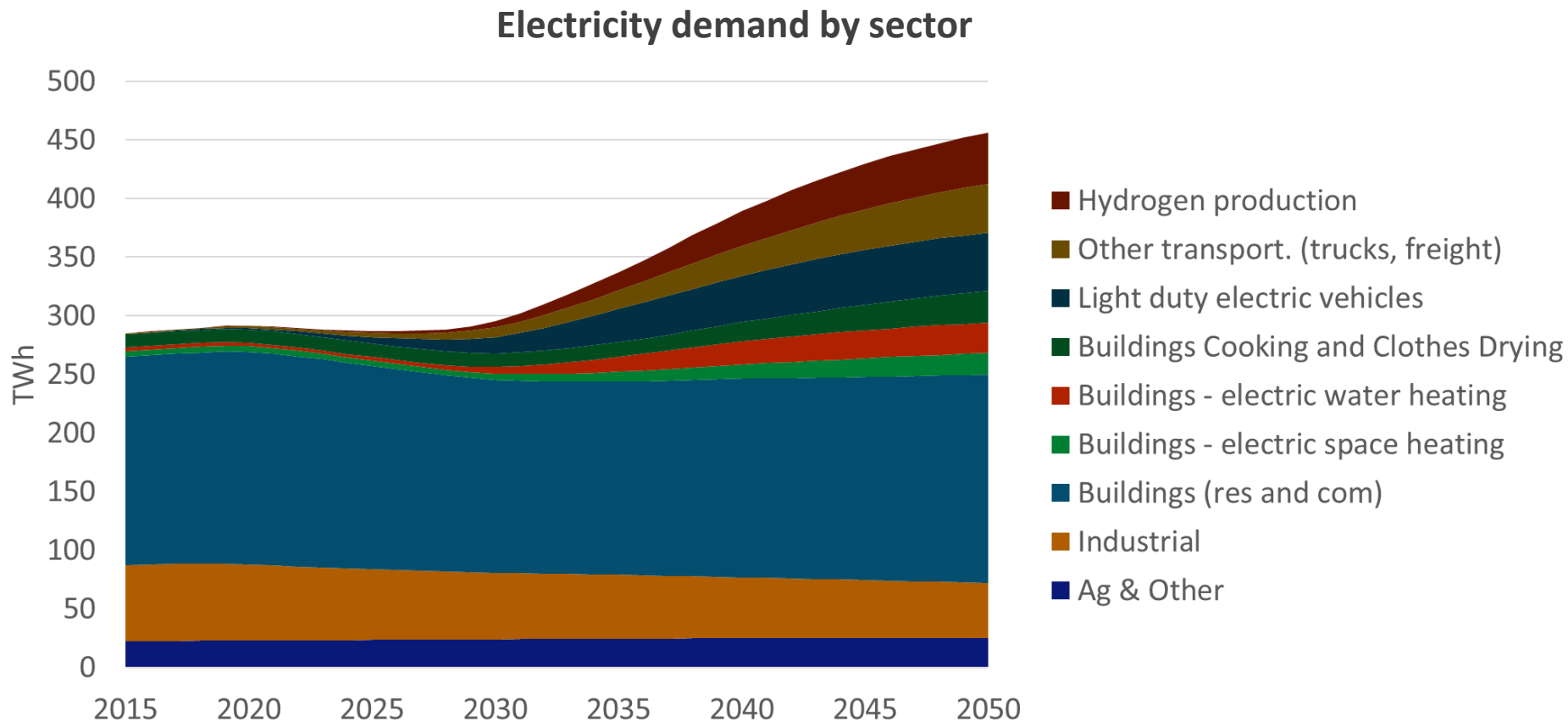


2050 gas commodity cost in a high gas throughput case that achieves state policy

(2018\$)	Fossil gas	Biomethane	Hydrogen	Power-to-gas	Blend
\$ / mmBTU	\$5.80	\$21	\$36	\$83	\$29
Pipeline share	56%	16%	7%	21%	100%



Fuel switching drives rapid growth in statewide electric generation after 2030



Source: E3 report on "Deep Decarbonization in a High Renewables Future" June 2018, CEC-500-2018-012

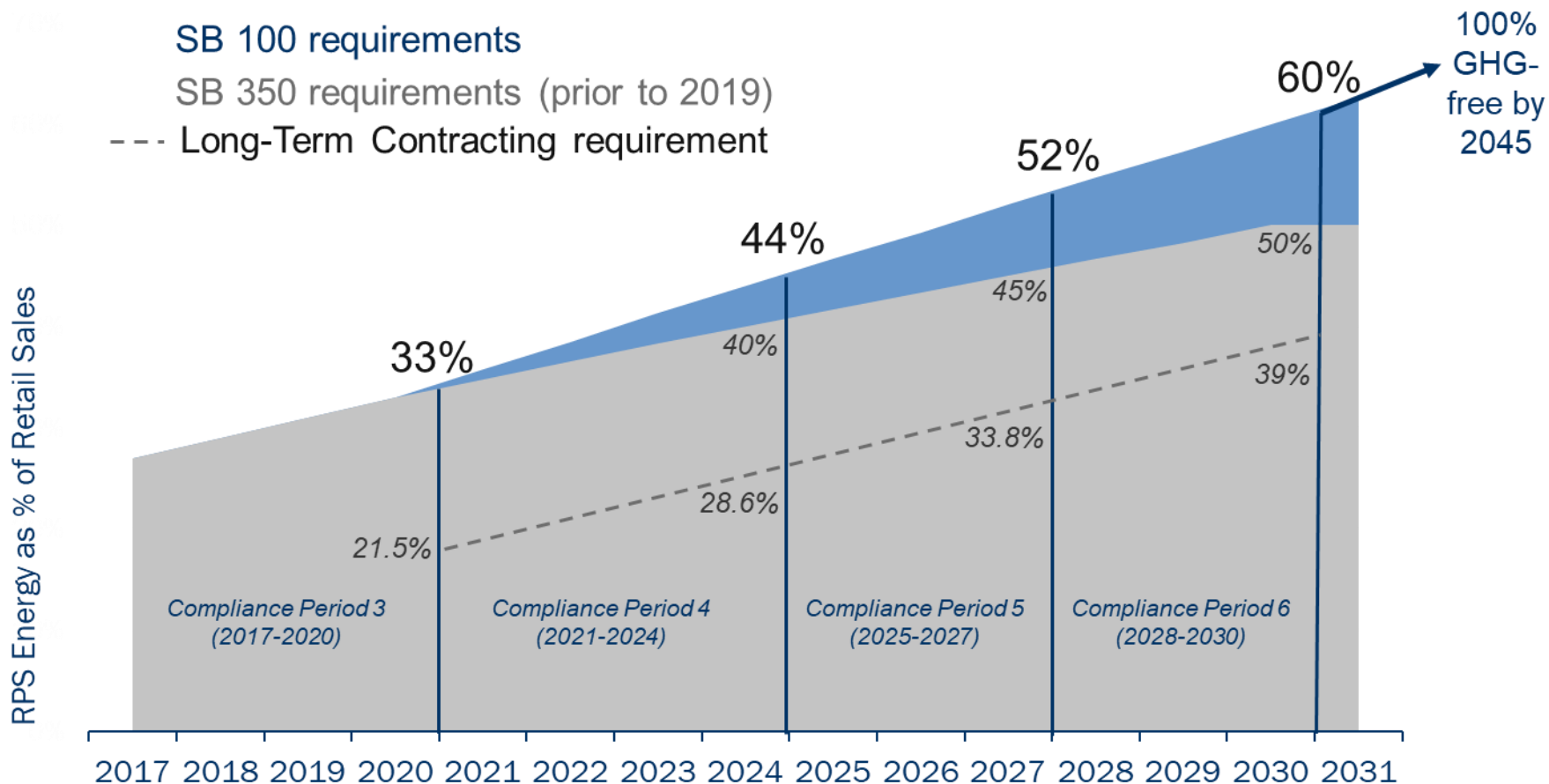


Energy+Environmental Economics

EBCE Next Steps



State RPS Procurement Requirements



*Beginning in 2021, 65% of RPS requirements must be procured from contracts \geq 10 years



Integrated Resource Planning

- + 2018 IRP: maintain 5% above RPS while meeting RPS with 85% long term contracts**
- + SB100 requires 100% clean energy by 2045**
- + EBCE staff recommends focusing 2020 IRP on EBCE's Pathways to 100% Clean Energy**
 - IRP will include short, medium and long-term renewable and clean energy targets for EBCE
 - Will look at 2020 to 2030 duration as the top priority
- + Analyze marginal costs and benefits of electrification via increased electric vehicle deployments and building electrification as compared to increasing clean energy content**
- + Integrate Local Development Business Plan activities into EBCE's 100% Clean Energy IRP, including:**
 - Energy efficiency, demand response, electrification, local renewables and zero-emission capacity



IRP: Local Stakeholder Engagement

- + Kick-off 2020 IRP Update in Q3 2019
- + Hold multiple rounds of public meetings across Alameda County in Q3 and Q4 2019
- + Present draft 2020 IRP to Board of Directors in Q1 or Q2 2020
- + Submit 2020 IRP to CPUC Q3 2020